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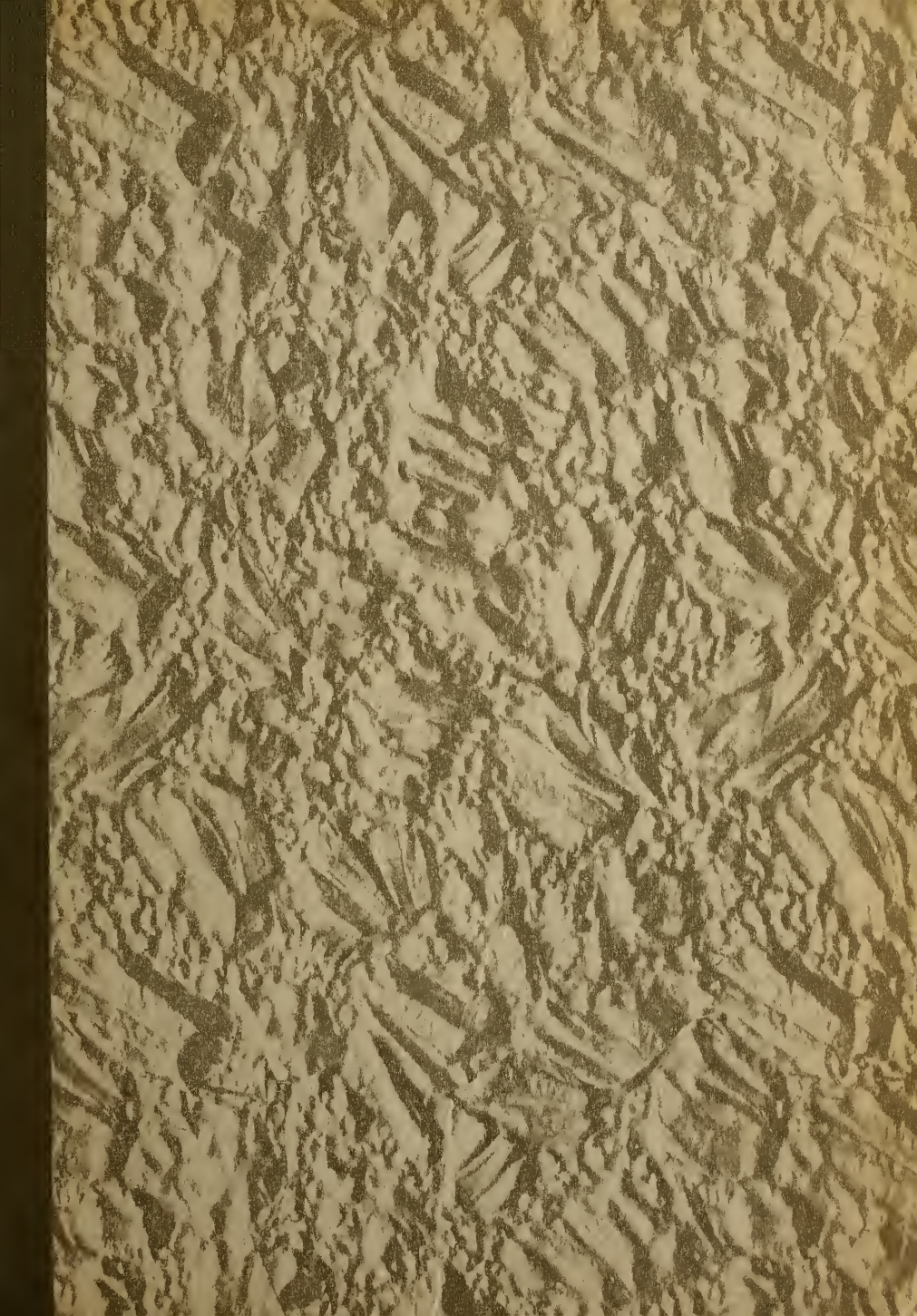


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Taylor University

BULLETIN

UPLAND, INDIANA



1919

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VOL. 11

MAY, 1919

NO. 1

Taylor University BULLETIN

TERMS OPEN

September 24, 1919 December 31, 1919

March 24, 1920

CATALOG NUMBER 1918-1919

ANNOUNCEMENT for 1919-1920

MAY 1919

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Taylor University

UPLAND, ~~Upland, Indiana~~ INDIANA

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CALENDAR FOR 1919

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CALENDAR FOR 1920

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UNIVERSITY CALENDAR

Fall Term, 1919

September 23rd, 7:00 p.m., Faculty Meeting.

September 27th, 7:30 p. m., Literary Society Reception.

September 24th and 25th, Wednesday and Thursday, Registration Days.

November 27th to November 30th, Thanksgiving Vacation.

December 15th and 16th, Monday and Tuesday, Term Examinations.

December 17th, Wednesday, Holiday Vacation begins.

Winter Term, 1919-1920

December 31st, Wednesday, Registration.

February 5th, Thursday, Day of Prayer for College.
March 22nd and 23rd, Term Examinations.

Spring Term, 1920

March 24th, Wednesday, Registration.

May 2nd, Bishop Taylor's Birthday—Patron's Day.

June 10th and 11th, Thursday and Friday, Term Examinations.

June 10th to 16th, Exercises of Commencement Week.

June 13th, 10:30 a.m., M. E. Church, Baccalaureate Sermon.

June 15th, Alumni Day.

June 15th, Meeting of the Board of Trustees.

June 16th, Graduating Exercises.

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Geo. Himelick Upland, Ind.
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Systematic and Exegetical.

*GEORGE SHAW, A. B., B. D.
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Hebrew and Historical Theology.

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Biology and Physics.

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Oratory.

*GEORGE WHITFIELD RIDOUT, D. D.
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Philadelphia.
Biblical and Pastoral Theology.

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Taylor University.
Chemistry and Mathematics.

BERTHA MONROE, A. B., A. M.
Boston University; Radcliffe (Harvard).
English.

*Absent, in Y. M. C. A. in France.

WALTER C. GLASIER, A. B., B. D.
Baker University; Drew Theological Seminary.
History, Missions and Religion.

JACOB BOS, A. B., A. M., B. D.
Taylor University; New York University;
Drew Theological Seminary.
Latin and Greek,

SARAH COX, B. L.
Trevaeccl College; George Peabody College for
Teachers; Vanderbilt University.
French and Spanish.

A. VERNE WESTLAKE, MUS. M., MUS. D.
Pupil of Leschetizky, Vienna; Beaver of Conservatcry
of Music.
Director of Music Department.

SADIE L. MILLER,
Taylor University.
Piano.

ESTHER HOUGHTON
Bradley Polytechnic Institute.
Domestic Science.

MRS. MARY O. SHILLING
Taylor University.
Art and Expression Assistant.

HILDA A. MINGLE
Muncie Commercial College;
University of Wisconsin.
Principal of Business Department.

CLEO COLLAR HOLLOWAY
American Conservatory, Chicago.
Voice.

Instructors and Assistants

FLORENCE COBB

D. J. IMLER

Physical Directors.

FRANCIS EKIS

Piano.

LULU CLINE

Grammar,

Physiology,

History,

Geography.

EDYTHE WATERMAN

Arithmetic.

ELIZABETH BINGHAM

Physical Geography

R. W. CLIMENHAGA

Penmanship.

ALDRED WIGG

Piano.

LULU MAHAFFY

Pipe Organ.

E. E. CRABTREE

Ancient and Modern History.

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President.

B. W. AYRES

Dean.

W. C. GLASIER

Registrar.

EMMA TRESLER

Assistant Registrar.

ANNA MCGHIE AND SARAH COX

Preceptress.

JACOB BOS

Secretary.

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LIBRARY COMMITTEE

W. C. Glasier

Bertha Monroe

Newton Wray

Sarah Cox

LIBRARIANS.

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Olive Emerson

Ivel Guiler

Lucy Brooks

Russel Fenstermacher

Lecturers and Evangelists

Bishop Frank Warne.

Evangelist, Miss Anna McGhie.

Edgar J. Banks,

(One Thousand Miles Down the Tigris River).

Leland Powers, Reader.

(David Cooperfield and Taming of the Shrew).

Georgia Kober, Pianist.

Prof. Walter C. Glasier.

Evangelist, John Owen.

Dr. Parker.

Chicago's Ladies' Quartette

Rev. Levi Cox.

Rev. Edwin House, D. D.

GENERAL INFORMATION

LOCATION

Tylor University is located in Upland, Indiana. Upland received its name from the fact that it is the highest point of land on the Pennsylvania Railroad between Columbus, Ohio, and Chicago, Illinois. Upland is on this main double-tracked line, one hundred forty-five miles from Columbus and one hundred sixty-nine miles from Chicago. It is twelve miles east of Marion and seven miles west of Hartford City. Seventy-five miles northeast of Indianapolis.

The University grounds are one mile south of the railroad station, which is almost in the center of the town. The main campus lies just inside the corporate limits of Upland. It occupies a slightly elevated position which gives a commanding view of the surrounding country.

HISTORY

The Ft. Wayne Female College was organized in 1846. In 1852 it was united with the Collegiate Institute of the same place and became the Ft. Wayne Methodist Episcopal College, a co-educational school. In 1890 it passed under the control of the National Association of Local Preachers of the Methodist Episcopal Church and its name was changed to Taylor University. It was named for the first Missionary Bishop of Africa from the Methodist Episcopal Church, and one of the greatest missionaries of modern times. After personal visitation and examination into the character and work of the University, Bishop Taylor gave his hearty endorsement, prayed for it three times every day and assisted it by his influence and with his means. It found a place in his great heart because of its deep spirituality, its missionary enthusiasm and its interest in students needing financial assistance. He said, "Surely this work is of God,"

and all who have seen its output of Christian manhood and womanhood are convinced that "this work is of God."

On July 31, 1893, the institution was rechartered and moved to its present location, Upland, Indiana. Rev. T. C. Reade, LL. D. was President at the time the location was changed from Ft. Wayne to Upland. In its new location it began with a campus of ten acres of land and \$10,000.00 donated by the citizens of Upland. The energy, consecration and self sacrifice of President Reade and his helpers built up the institution from these small beginnings. The rates were made extremely low that a college education might be placed within the reach of the common people. Taylor University opens the door of opportunity to young people who could not otherwise secure an education. The appeals for financial help have been made largely to the common people and with these small gifts that often meant a great sacrifice, have come fervent prayers for the school. The praying constituency of Taylor University is the great source in maintaining the high spiritual life of the school. The sacrifice of the Trustees, Faculty and friends of the school have brought the school up to where it has the respect of the educational world and the confidence of the spiritual element of the church.

REMARKABLE REVIVAL

Taylor University has had, this year, one of the greatest revivals in her history. The meetings began on April 25th, with Rev. John Owen of Boaz, Alabama, as Evangelist. The spiritual tide was high from the very start and seekers were at the altar at nearly every service. The climax came on the second Saturday night. The services closed about midnight; when the audience reached the campus the Holy Spirit fell on them and it was a vertiable day of Pentecost. The young men and the women prophesied in praise and song. The rain drove the company back to the chapel; seekers began to go to the altar

for entire sanctification and the Spirit was so on the meeting that in two or three minutes they were up shouting the praises of the Lord. This perhaps was the most wonderful meeting that was ever held in Taylor University. The Holy Ghost thus put His seal on the institution.

OPPORTUNITY

There is nowhere a greater opportunity for friends of spiritual culture to help on the great work for the kingdom than here at Taylor University. She should be lifted out of debt and endowed. Every alumnus, every old student, everyone with a deep devotion and Christian zeal should join in this forward movement of Taylor University. The beautiful sacrificial life of President T. C. Reade is an incentive, and the time is propitious to put ourselves back of this great institution. Write to President M. Vayhinger telling him what you will do.

A MONUMENT TO BISHOP WM. TAYLOR

Taylor University is the living monument to the memory of the late Bishop Wm. Taylor. No monument could be more appropriate than a school where young men and women may be fitted for the great life that he lived. The mantle of Bishop Taylor seems to have fallen on the school, and many of the students go out with the same missionary spirit and evangelistic zeal as this great Bishop. Will you join in building up this great memorial?

SAMUEL MORRIS

There have been few lives of young people that have shown a closer walk with the Lord than that of Samuel Morris. He entered Taylor University immediately after landing in this country. His life was a benediction to the school and was one of the great factors in lifting the spiritual tone of Taylor University. A booklet giving the history of this boy has been written and has been a blessing wherever it has

been read. It started a revival in the Hawaiian Islands that swept the entire community. It stimulates revivals wherever it goes. Its spread over the entire land would insure a world-wide revival. Taylor University now owns the copyright of this book and can supply them in any quantity. 10c each; 3 for 25c; 75c a dozen; 17 for a dollar. Discount to the trade.

PATRONIZING TERRITORY

The patronizing territory of Taylor University is perhaps the largest of any school of its size in the world. Many counties of Indiana are represented, many states and countries.

MINISTERS AND MISSIONARIES

Forty-one students have gone to the foreign mission field in the past eleven years. Over four hundred have studied for the ministry. There are forty volunteers for the mission field here now. A strong missionary spirit prevails.

CONTROL AND MANAGEMENT

The University is a corporation, created under the laws of the State of Indiana. It is under the control of the National Association of Local Preachers of the Methodist Episcopal Church acting through a Board of Trustees, twenty-one in number, one-third of whom are elected annually to serve for three years. The annual meeting of the Board of Trustees is held on Tuesday of Commencement week.

The President of the University and the Trustees residing at or near Upland constitute the Executive Committee. It meets on the second Monday night of each month to transact such business as requires attention during the interval between the regular meeting of the Board of Trustees.

The school is in the broadest sense denominational—not sectarian—and cordially welcomes students of all evangelical denominations, and all other persons of good moral character who desire to secure an educa-

tion. It has been officially approved by the North Indiana Annual Conference of the Methodist Episcopal Church, by several Holiness Associations, and by the National Young Men's Holiness League.

AIM

The aim of Taylor University is to develop well-rounded men and women. The great question is, under what circumstances can the best intellectual attainment be secured? This spiritual atmosphere in which one receives his intellectual training is vital. It is a well-known fact that many of our educational institutions are given to worldliness. In such an atmosphere spiritual life cannot thrive. Alas! how many young people lose their spiritual life in a worldly college! The motto of Taylor University is "Holiness Unto the Lord." The Bible teaches the possibility and the necessity of Entire Sanctification. We teach the whole Bible as a means of attaining the highest type of manhood. Students of seventeen denominations are represented, and the only effort is to make exemplary Christian men and women out of them. Each morning and each Sunday afternoon the school assembles for public worship. Classes are frequently opened with prayer or singing or both. These and other religious exercises will aid in the spiritual development.

As Taylor University has trained so many young men for the ministry, some have thought that her work was devoted exclusively to the training of ministers and missionaries. This is not the case; while we have the Theological Department, we have the Academy and College, which offer the general culture necessary for any of the learned professions and which prepare for any honorable vocation. While young men and young women preparing for special Christian work are naturally attracted here, because of the religious atmosphere, earnest young people preparing for other walks of life will find courses of study to

meet their needs and will also receive spiritual help while training their intellects.

The church can well afford to put its thousands and even its millions into an institution where is nourished that simple faith that brings the old-time zeal and fervor and fire and power into the Christian life and Gospel ministry.

CHURCHES AND RELIGIOUS SERVICES

The University co-operates with the churches of Upland and a very cordial relationship exists. The Sunday morning services at the churches are attended by the larger number of students and teachers. Many also attend the evening services. The students are active in the Sunday school and in the Young People's societies. The young ministers of the school and members of the Faculty are frequently invited to occupy the pulpits of the various churches of the town.

The services held each Sunday afternoon in the College Chapel are not in conflict with regular services at any church, and a number from town frequently attend.

GOVERNMENT

Every student is expected to know and to follow the ordinary standards of courtesy and morals. Students and faculty co-operate in the maintenance of these principles. The institution has rules for the government of the conduct of its students and every student is understood to pledge himself to obey them when he enters. A booklet containing regulations for the guidance of the student is furnished each upon entrance. In case our confidence is betrayed the offender is kindly but firmly dealt with. Special attention is called to the following rules:

Profanity, card-playing, and the use of tobacco in any of its forms are not tolerated.

Hazing, brutality, boxing and football are prohibited. Students are not permitted to engage in ath-

letic contests with other institutions, but are encouraged to engage to a reasonable extent in all healthful exercises and athletic sports among themselves, except football.

GROUND'S AND BUILDINGS

The campus contain ten acres. This has been beautified by adding to the few native trees that were here when the buildings were erected—numerous trees from forest and nursery. These have grown to such size as to give the campus a very beautiful appearance in summer. Adjoining this is a seventy-acre farm the gift of Mrs. McGrew.

The institution has a number of lots, some of which are adjacent to the campus and some farther removed. On these are located dormitories and cottages.

H. Maria Wright Hall is the main building and is located near the center of the campus. It contains recitation rooms, laboratories, library and museum.

Helena Memorial Music Hall is located southeast of *H. Maria Wright Hall*. This building was made possible by the bequest of \$7,000 by Mrs. Helena Gehman of Urbana, Ohio. The name was designated in the will. A bronze tablet bears this inscription: "Erected in honor of Rev. R. W. Gehman, a Pioneer local Preacher of Urbana, Ohio, 1911." While the building was made possible by his bequest its cost is more than double this amount. A gift of \$2,400 by Mr. and Mrs. Israel B. Schreiner, and other smaller gifts have been put into this building.

The School of Music occupies the main floor of this building. The second floor contains besides two music practice rooms, a large room to be used for musical Recitals and Chapel Exercises. The basement story, with a ceiling height of about fifteen feet, contains a gymnasium and dressing rooms and shower-bath for both sexes.

Central Heating Plant is a neat brick structure. The building contains a commodious boiler room, a

coal bin and a work shop. The system of heating installed is the Warren Webster Vacuum system of steam heating.

Just before the building was erected an eight-inch water well two hundred seven feet deep was drilled into the rock. Connected with this a new water system has been constructed.

Sickler Hall is a men's dormitory, located on the northwest corner of the campus.

Samuel Morris Hall is a men's dormitory, located about a half block from the campus.

Israel B. Schreiner Hall is a woman's dormitory, located about two and one-half blocks from the campus.

Speicher Hall is a woman's dormitory, located on a lot adjacent to the campus.

Swallow-Robin Hall. This beautiful dormitory has been completed recently. It is a magnificent three story dark brick building, that makes a very comfortable home for the young women. This was made possible by the gift of Rev. Dr. S. C. Swallow, of the Central Pennsylvania Conference, and is called the Swallow-Robin Dormitory in honor of himself and his wife, whose maiden name was Robin. The rooms of this dormitory are named for those who contributed \$200.00 or more.

The basement of this building is fitted up for our Domestic Science Department.

Dining Hall is located near the main entrance to the campus. The first floor of this contains the college dining room and kitchen. The Dining Hall has been very greatly beautified by the addition of new chairs, linoleum and wall paper. The second floor is occupied by dormitory rooms for women.

Cottages. Several cottages of from three to six rooms are rented to married students who wish to continue their education, or to small families who have children to educate.

STUDENTS' SUPPLY STORE

The University conducts a book store at which students can purchase at the usual retail prices all text books used in the classes of the school, as well as all other necessary student's school supplies, such as tablet, pencils, ink, toilet articles, etc.

LIBRARY

The Mooney library, largely a gift of George W. Mooney, D. D., contains over seven thousand volumes. It is open during the day and the students have free access to the shelves under the direction of the librarian. The books are classified according to the Dewey system. The reading tables contain numerous files of daily newspapers and best general and scientific magazines.

OBSERVATORY

The Clippinger Observatory is located near the south side of the campus. It is named in honor of Dr. Charles L. Clippinger, former dean of the University. The telescope is a ten and one-half inch reflector, equatorially mounted. It brings clearly to the view the lunar craters, rills and rays, the satellites of the different planets, the rings of Saturn and various star clusters and nebulae. This instrument is sufficiently large for all class purposes, but is not so ponderous and unwieldy as to be of little practical benefit to the students.

LABRATORIES

The Science Lecture Room has forty tablet-arm opera chairs, a lecture desk, a large static machine, and a new stereopticon. The desk is fitted with gas, water, steam, compressed air, and both direct and alternating currents of electricity. The current is supplied from a step-down transformer and current rectifier giving from three to nineteen volts from a hundred ten volt current.

The Physics Laboratory is equipped with the necessary apparatus for laboratory and demonstration work. The room has gas, water, and both direct and

alternating currents of electricity. The following instruments are of special importance: A ten, thirty inch, plate induction machine, with X-ray apparatus; an electro magnet of one thousand pounds strength; and a wireless telegraph instrument. The above instruments were made at the University. A demonstration air pump, a new optical disk, a dynamo, and a motor are also articles of importance.

The Chemical Laboratories. There are two chemical laboratories, the general and the analytical. Each furnishes desk room for twenty-four students and is supplied with gas, water, and electricity. The new analytical laboratory has, besides a sectional hood, steam baths, compressed air, two analytical balances, a drying oven, and other equipment for analytical work. The laboratories are well supplied with the equipment necessary for the various courses.

The Biological Laboratory has seventeen compound microscopes, a paraffine bath, microtomes, and such minor apparatus as dissecting lenses, straining jars and cabinets. The equipment is thoroughly adequate for the needs of the courses.

The Walker Museum. The museum consists of specimens illustrating Zoology, Geology, Mineralogy, Botany, Archaeology, and of curios. They are of great advantage to students in comparative studies, especially in Zoology and Geology. We solicit donations of both specimens and furnishings.

STUDENTS ORGANIZATIONS

The Literary Societies. There are two Literary Societies whose membership is open to both young men and young women. These societies are called the Philalethean and Thalonian, and they meet in the Society Hall every week, where they render programs of high moral tone. There is just enough friendly rivalry between the two societies to keep up a lively interest in their work.

The Debating Clubs. The young men have two

Debating Clubs, the Eulogonian and the Eureka. The young women have one—the Soangetaha. The membership of each is limited. The Debating Clubs are drilling their members to think logically and quickly, and to appear on the public platform without embarrassment.

The Prohibition League. This organization has a large membership. It has various methods of work but is always aggressive and keeps the Prohibition question before the student body. During the past year its custom has been to give a public program occasionally and these programs have been interesting, instructive, and well attended. This organization is a member of the Indiana Prohibition Association and holds its annual local oratorical contest, for which prizes are offered. The winner represents the institution in the State Contest. In 1917 Barton R. Pogue was Taylor's representative. During the existence of this State Association, Taylor has taken first place many times.

Taylor University Holiness League. This organization plays an important part in the spiritual life of the institution. It meets every Friday evening from 6 to 7 o'clock and there is no doubt that the prayers offered in the Holiness League are of real help to the school.

The Prayer Band. This is another important factor in the spiritual life of Taylor. It meets every Tuesday evening for an hour of prayer and testimony and it is no uncommon thing for souls to find God in these Prayer Band meetings.

The Student Volunteer Band. Spiritual power and the missionary spirit always go hand in hand. Knowing Taylor's spiritual status, then, one would expect the missionary spirit to be strong, and it is. The Volunteer Band has a membership of about forty and meets Monday evening for prayer and testimony. It furnishes missionary literature for the Library.

Many of its former members are now doing effective work in foreign fields.

The Ministerial Association. In 1915 a band of students contemplating entrance upon special fields of the Christian ministry organized themselves for weekly meetings. There, by members of the Faculty and other religious workers, they are instructed how to meet present-day problems in the actual ministry and how to bring about the best results for God's Kingdom. To unite the hearts of those entering upon the Lord's work with one common purpose, the salvation of souls, is another chief aim of this organization. Membership is voluntary and no dues are charged.

The Male Quartette. This quartette is much in demand for concerts at Prohibition meetings, revival services and camp meetings. Not only do they sing in beautiful harmony, but they are consecrated young men and well represent the spirit of the school. The camp or church that secures their services will be indeed fortunate.

Orchestra. The Orchestra is a student organization with a constitution and by-laws. It is under the supervision of some member of the Faculty of the School of Music.

The Expression Club. The Expression Club is by no means an unimportant factor in the school life of Taylor. Its membership comprises those who have studied expression in this institution. One of its most pleasant features is a recital now and then. One of its practical works is the furnishing of the Expression Room.

The Athletic Association. This is the youngest of the student organizations and it is very much alive. Its membership includes the whole student body. Its purpose is to promote the interests of good, clean athletics, and to improve the equipment of the gymnasium, tennis courts, etc. The organization, through its

officers, the basketball manager, the baseball manager and the tennis manager, has charge of all apparatus for outdoor sports. All control of funds is in the hands of a joint committee of seven members—the Physical Director for men, three members of the Faculty and three students chosen by the Athletic Association. It is purely a student organization, with a constitution and by-laws approved by the Faculty and conforming to the general rules of the school in regard to athletic sports. All games are confined to our own students on our own grounds.

CONTESTS AND PRIZES

All participants in any contests must be students enrolled for the full terms in which the contests occur, and must be taking work enough to require at least three-fourths of regular tuition in that term.

No student shall be eligible for scholarship or contest honors whose deportment record, in the estimation of the Faculty, has rendered him unworthy of such honors.

Preston Prize. Thomas J. Preston, Ph. D., of South Orange, New Jersey, offers a Fifty Dollar Gold Prize for Debate. This prize was originally established by the late Dr. Louis Klopsch, of New York, and was known as the *Christian Herald* prize. Since the death of Dr. Klopsch, Dr. Preston has furnished the prize. The number of the debators is four, two being chosen from each of the two Literary Societies, the two from the same society being on the same side of the question. The contest is held in Commencement week. No person who has taken the first prize will be permitted to compete a second time. It is a great honor to be chosen as a debater in this contest. The successful contestants in 1917 were Glen R. Asplin and Robert Williams representing the Thelonian Literary society, and in 1918 were Robert McCutchen and Vera Pierce representing the Philo-thean Literary Society.

Certificate Prize. Many years ago George W. Mooney, D. D., of Tabor, New Jersey, Secretary of the Board of Trustees, established a Certificate of Honor prize for the better of two Orators, of two Readers, of two Essayists, of two Vocal Soloists, of two Piano Soloists and two Violin Soloists. Each of the two Literary Societies selects a contestant for each prize. These contests are held in Commencement week each year. No person who has taken one of these prizes can compete a second time for the same prize. The successful contestants for 1917: For Oratory, for Reading, Barton R. Pogue, Philalethean; for Essay, Forest Goodrich, Philalethean; Vocal, Ralph Johnson, Thalonian; Piano, Nelle Smith, Philalethean. For 1918: For Reading, Joy Stephenson, Thalonian; for Essay, William O'Neil, Philalethean; Vocal, John Leamon, Thalonian; Piano, Alfred Wigg, Philalethean.

Prohibition Oratorical Contest. For several years the University has had a large Prohibition League. This is a part of the system of Intercollegiate Prohibition Leagues. One important feature of the work is the Prohibition Oratorical Contest. A local contest is held in February or March by each College League and the winners in each state compete for state honors. A section containing several states then holds an Interstate Contest and the winner represents this section of the states in the National Contest. The local League usually offers a cash prize to the best orator; this year it was fifteen dollars for first winner, six for second and four for the third. The State prize is usually fifty dollars for the first place and a smaller sum for second. The interstate and National winners get larger sums. In 1917 Barton Pogue won the local, State and Interstate contests.

Parr Prize in Oratory. Mrs. W. D. Parr, of Kokomo, Indiana, gives a prize of twenty-five dollars for excellence in oratory. This amount is divided into a first prize of twenty dollars, and a second prize of

five dollars. Candidates for this prize must be from the College department. This contest is one of the features of the Commencement season. In 1917 Barton R. Poque won first prize and Ruth Trotter second. In 1918, John Leamon won first prize and Bueh Young, second prize.

J. McD. Kerr Prize in Oratory. Rev. J. McD. Kerr, of Toronto, Canada, has established a prize in oratory, for theological students. The prize, twenty-five dollars, in cash, is given under the following rules:

1. Applicants for this contest must be enrolled for not less than fifteen term-hours for each of at least two terms in the Theological Department; provided no one shall be admitted to this contest without the endorsement of the Department and no winner shall compete a second time.

2. The subjects of the orations must be evolved from materials that lie in the fields of this department. In addition to topics discussed in Systematic Theology—or suggested Biblical studies, themes may be formulated from such courses as: Christian Evidences, Comparative Religion, Christian Ethics, Sociology, and Church History.

3. The orations shall contain not less than fifteen hundred nor more than two thousand words.

4. The manuscripts of contestants must be submitted not later than May 1, to a committee of professors from the Theological and Oratorical Departments.

5. The judges to decide this contest shall be three persons, two of whom shall be ministers or theological professors, to be selected by the President, the Dean, and one of the Theological professors.

6. The successful contestant shall furnish the donor of the prize a neatly typewritten or printed

copy of the oration. Harvey Brown won this prize in 1917. Lowell Uebele won this prize in 1918.

Anti-Tobacco Contest. In 1915 S. B. Goff, an ardent opposer of tobacco and its use in any form, desiring to increase public sentiment against the evil, gave twenty-five dollars to be awarded as prizes to the winners in an Anti-Tobacco Contest at Taylor University.

Hill-Palmer Prize in Vocal Music. This prize is given by Dr. J. L. Palmer and Dr. Melvin J. Hill. This provides for two contests, one between the men and one between the women. In each of these contests there is a first prize of ten dollars, and a second prize of five dollars, on the following conditions:

1. Only those are eligible who are students in the Vocal or Piano department of Taylor University.
2. Anyone not having received the first prize will be eligible to participate.
3. Judges must be reputable non-resident vocal music teachers or vocal musicians.
4. The date of the contest shall be arranged by the President of the University and Director of Vocal Music.

In 1918, John Leamon won first; Percy Boat won second. For men.

In 1918 Beulah Young won first; Reka Top won second. For women.

Sadie Louise Miller Scholarship Prize. Sadie L. Miller, Professor of Piano in Taylor University, has established a scholarship prize for students in the Senior year of the Academy. This prize will be a certificate issued to the student in the fourth year of the Academy course who makes the highest average grade for the year. This certificate will be good for tuition in the Freshman year of the College course and the student must carry at least fifteen recitations a week in class work. The following rules govern this prize:

1. No one is eligible who is carrying less than full work.

2. At least ten recitations a week throughout the year must be in the fourth year Academy studies.

3. This certificate is not transferable and must be used the ensuing year; but if forfeited by failure to enroll at the beginning of the ensuing year, it will be transferred by the College to the student who under these rules made the next highest grades.

In 1917 this scholarship was won by Lenna Neff.
In 1918 by Madalene Nostrand.

Scholarship Prize. The University gives a scholarship prize to that student in the College of Liberal Arts who shall have attained the highest standing in classes for the entire year. This prize was awarded in June 1917 and 1918 to Malcolm B. Wilcox.

Whipkey Bible Prize. This prize, five dollars in cash, is given by Rev. A. J. Whipkey. The contest is open to Academic students who are enrolled in Bible 1, 2, 3 or 4. Any one not having received the prize will be eligible to participate. The examination shall be given by the teacher or teachers of the Bible classes mentioned. This prize was won in 1917 by O. W. Kolberg. In 1918 by Mary Shaw.

PHYSICAL TRAINING

Taylor University recognizes the need of physical development and encourages every effort in that direction.

The gymnasium is a well lighted and ventilated room with free floor space 33 by 65 feet. It is used for regular class work in physical training, and for exercise and games. The men and women have use of the gymnasium on alternate days. Different directors are provided for the two sexes. Apparatus is being added from time to time as funds permit. Besides this there are dressing rooms and shower baths for both sexes. They are provided with hot and cold water.

No student will be allowed upon the floor without gymnasium shoes.

The object of the gymnastic training is, primarily, health. Each part should be developed in its proper relations to the rest of the body, and anything leading to unbalanced power should be avoided. Athletic skill in some particular direction, and great muscular strength may be very attractive, but usually they are acquired at the expense of other parts of the body. The exercises are chosen for their physical effects rather than for the muscular developments to which they lead. The movements are to encourage nature in her normal activity and also to prevent and overcome tendencies to abnormal development.

All students will be required to take Physical Training during the first two years after enrollment unless excused by the Faculty, in which case the work must be taken before graduation.

College students, whether or not they have taken the work previously, will be required to take it during the Freshman and Sophomore years, unless excused by the Faculty, in which case the work must be done before graduation.

The two years work taken in College will constitute the six term-hour credits in Physical Training which are required for graduation.

Students will be excused from this requirement only because of some physical disability.

A fee of seventy-five cents per term is required at registration. This provides for the use of the gymnasium and baths and purchase of apparatus.

Physical Training for Men. The men's gymnasium classes and the athletic sports are under the supervision of the physical director. The training is of such a nature as to aid the body in all its functions. Special attention is also given to the correction of deformities.

Such sports as tennis, base-ball and basket-ball

are permitted among our own students to a reasonable degree.

Physical Training for Women. The Swedish system of gymnastics is used, and the classes are conducted by a lady instructor who has been trained for this work. Personal attention is given to individual girls and their needs. Gymnasium suits are required.

GRADES

Grades are given in per cent on the scale of 100. The minimum for passing is 70; between 60 and 70 a condition; below 60 a failure. A failure requires the work to be taken again in class. A condition permits the work to be made up by special examination, provided it is made up by the end of the term, following that in which the condition was made; otherwise a condition becomes a failure. The special examination fee of twenty-five cents a term-hour is charged for examination to remove conditions, but in no case will a fee of less than fifty cents be charged.

Incomplete work must be made up by the end of the term following that in which the work was taken or it becomes a failure.

Credit is not given toward graduation for a part of a course unless so specified in the description of the course.

No work will be counted toward graduation, in the College department, for which the grade is less than 75. And not more than sixty term-hours for which the grade is less than 80. However, a grade of 70 excuses the student from taking a required course again.

REGISTRATION

The first two days of the fall term and the first day of the winter and spring terms are devoted to the work of registration. New students should bring with them their credentials from the schools previously attended. These credentials should contain a list of the subjects pursued, the number of recitations a

week, the number of weeks the work was taken, and the grade obtained in each subject. The credentials must be signed by the proper school officer. Students coming from other Colleges should bring certificates of honorable dismissal.

In the College fifteen hours of class work a week constitute full work; but in the first two years, in addition to this, Physical Training is required and credit given toward graduation. In case of physical disability the student is excused from this requirement, but must make an equal amount of credits in other work.

In the English Bible Course full work is sixteen hours a week.

In the Academy four units constitute full work.

In all courses except the Academy the standard of credits is a term-hour, which is one recitation hour each week for twelve weeks. The standard of a credit in the Academy is a Unit which is one-sixteenth of a four year high school course, and is not less than the equivalent of five recitation periods of forty minutes each for thirty-six weeks. As the recitation periods are sixty minutes in the Academy, a study in which the recitations are either four or five a week through the year is a unit.

For special reasons the Dean may permit a student to carry one or two hours above regular work, but an excess of more than two hours must be secured by action of the Faculty. A student may not reasonably expect to be permitted to carry extra work unless his average grade for the preceding term has been at least ninety per cent.

In estimating the amount of work to be carried, and credit to be received, three hours of practice in private work in Music or Expression shall count as one period regular class work. However, not more than two term-hours of credit will be given for one private lesson a week. In Drawing and Penmanship two periods shall count as one. These rules do not apply to charges. See Table of Expenses below:

In work requiring no preparation outside of class, two class hours count for one in the Academy, and three hours for one in the College.

A fee of one dollar will be charged all who present themselves for enrollment on other days than those set apart for that purpose. After the days of registration a fee of twenty-five cents will be charged for any change in enrollment, except where such is made necessary by action of the College. A change of study list may be made by the Dean or Registrar during the first two weeks of any term, but after that time a change may be made only by a petition to the Faculty. A subject may not be dropped after the fourth week of a term. The Faculty reserves the right to withdraw any elective course for any term if it is elected by fewer than five students. Regular tuition covers four unit studies in the Academy and sixteen hours in all other departments.

All students who enroll for twelve or more term-hours will pay the Incidental Fee of one dollar per term.

EXPENSES

In estimating the actual expense of attending any College several items must be taken into account. Board, room-rent, light, heat, laundry, and society expenses must all be considered in comparing the cost at different institutions. The prevailing sentiment in the student body of a College in favor of economy or extravagance is, as a rule, of greater consequence than the College charges. The sentiment here favors economy even by those having plenty.

An itemized statement of expenses is as follows:

TUITION AND INCIDENTAL FEE

Regular tuition, a term -----	\$22.50
Incidental fee, a term -----	1.00
Gymnasium fee, a term -----	.75
Library fee, a term -----	.50
Artist Recital and Lectures, a term -----	1.00

Ayres Alumni Memorial Library
Taylor University
Upland, Indiana

This covers four unit studies in the Academy and sixteen hours in other departments. Fifteen hours for College Juniors and Seniors.

FOR MORE OR LESS THAN REGULAR WORK

Tuition, from 1 to 12 term-hours (with no incidental, athletic and library fee), a term-hour -----	\$2.00
Tuition, for extra hours, a term-hour -----	2.00

DEPARTMENT FEES

The tuition for Penmanship and Art is double that for ordinary class studies, estimated or credit basis.

Bookkeeping, per term -----	\$8.00
Shorthand, per term -----	8.00
Typewriting, per term -----	8.00
Salesmanship and Advertising -----	8.00
Oratory, private lessons, one hour -----	1.25
Harmony and ear training, two lessons a week, in class, a term -----	10.00
History of Music, two lessons a week, a term	8.00
Public School Music, two hours a week, term	10.00
Ensemble class -----	8.00
Normal course in piano -----	10.00
Special course in sight singing -----	8.00
Terminology -----	8.00
Piano, two lessons a week to Director -----	36.00
To assistants, one lesson a week, --	9.00 and 10.00
Voice, one lesson a week, to Professor -----	15.00
To Assistant -----	9.00
Organ -----	20.00 to 30.00
Chorus Directing, one hour, per week, per term -----	2.50
Music Appropriation -----	2.00
Wind instrument -----	15.00
Instrumentation -----	10.00
Piano or typewriter rent, one hour daily, a term -----	2.50
Each additional hour daily, a term -----	2.25

LABORATORY FEES

Agriculture, a term -----	\$1.50
Astronomy, a term -----	1.00
Biology (Academy), a term -----	1.50
Biology (College), a term -----	2.50
Chemistry, 1, a term -----	3.50
Chemistry, 2, 3, 6, a term -----	4.50
Chemistry, 5, a term -----	\$4.50 to 7.00
Domestic Economy, Courses 7 and 8, -----	1.00
Domestic Economy, Courses 1, 2, 4, 13, -----	2.00
Domestic Economy, Courses 3, 5, 6, 9, 10, -----	3.00
Breakage deposit in chemistry -----	1.50
(Unused part to be refunded)	
Physics (Academy), a term -----	1.00
Physics 2 (College), a term -----	1.50
Surveying, a term -----	1.50
Zoology (College), a term -----	2.50

BOARD AND ROOM

Board at College Hall, a week -----	\$3.50
(But subject to high cost of living).	
Room rent, with steam heat and light, a term -----	\$12.00 to 18.00
Cottage, unfurnished, a month --	\$6.00 to 8.00
Room and key deposit -----	2.00

MISCELLANEOUS FEES

Examinations on work done outside the class, a term-hour, -----	.75
Special examination on class work, a term hour, -----	.25
(No examinations for less than 50c).	
Diploma fee -----	5.00
Certificate fee -----	3.00
Late registration -----	1.00
Change of registration -----	.25

The rooms in the University dormitories are furnished with bedsteads, table, chairs, washstand, mirror. They are without carpets. Students must furnish everything necessary for the beds,

with the exception of mattress. They must also furnish their own towels and napkins. The University does the laundering of the sheets, pillow-cases and towels. The room and key deposit is to insure the University that the keys will be returned and the room left in good condition. The fee is refunded when the key is returned.

The University owns several cottages which it rents unfurnished, to families. The prices vary according to the size, location and condition. The person renting are expected to take a lease for at least nine months, and pay the rent during the entire school year. Renters at a distance engaging a cottage will be expected to pay one month's rent at the time the agreement is made to take the cottage.

A student boarding and rooming with the school will pay for regular course \$240 to \$260 a year. This includes everything but laboratory fees, rent of Piano in School of Music and of typewriters and instruction in School of Music. If he is a minister, a prospective minister or missionary or the child of a minister, room rent will be reduced \$3.00 a term. Candidates for the ministry or mission field must present credentials to obtain this reduction.

Several opportunities are afforded students to pay part of their expenses by labor. No one should seek this concession who can get along without it. The work in the Boarding Hall is nearly all done by the students. There are positions at the disposal of the management, for janitors, bell-ringers, and sweepers. For more specific information correspond with the president.

THREE EPOCH-MAKING BOOKS

You should read them; "Samuel Morris," "The Elder Brother" and "St. Barnabas the Good." One of the great works of the sainted Dr. T. C. Reade was the writing of these books and starting them on their great work throughout the world. You can bless the world by circulating these books. One of our students

is using his tithe money to circulate these books. We give him a special rate. You can do likewise. Rates, "Samuel Morris," 10 cents each, three for 25 cents, 16 for \$1.00; "St. Barnabas the Good," 10 cents each, 4 for 25c, 20 for \$1.00; "The Elder Brother," 15 cents each, 2 for 25c, 12 for \$1.00.

Address all orders to President M. Vayhinger,
Upland, Indiana.



THE COLLEGE

The courses in the College have as their chief aim the acquisition of a broad and liberal education. Early specialization is not conducive to the best attainment, and therefore, the course for the Freshman year contains a greater number of required studies than any subsequent year. The courses are so arranged that students may meet all requirements and yet have opportunity to specialize.

ADMISSION

Students are admitted to the College department, either by examination or by certificates from accredited High Schools and Academies, or equivalent. Students coming from other colleges should present certificates of honorable dismissal.

ADMISSION BY EXAMINATION

Entrance examinations will be held on the first day of registration. These are free.

ADMISSION BY CERTIFICATE

Graduates of commissioned High Schools are admitted to Freshman rank upon presentation of their certificates of grades or of graduation. These certificates should contain a list of the studies pursued by the applicant, the number of weeks each subject was taken, the number of recitation periods a week, the number of minutes in each period, and the grade attained, and should be signed by the proper school officer. If it is impossible to present these certificates on the day of registration a short time will be given the student in which to send for them.

SPECIAL STUDENTS

Students who are not candidates for a degree will be permitted to enter as special students, and to pursue such subjects as their previous training will permit.

ADMISSION TO ADVANCED STANDING

Students from other colleges, upon presentation of certificates of honorable dismissal, and proper certificates of credit, will be admitted to advanced standing. If possible these certificates should be presented before the day of registration. The amount of credit is determined by the Ranking Committee.

CONDITIONAL ADMISSION

Students presenting not less than thirteen of the fifteen units required for full Freshman rank will be admitted to College on condition. Such students will be required to enroll at once in the Academy for those subjects in which they are deficient.

SUBJECTS REQUIRED FOR ADMISSION

Students who, upon entrance, offer fifteen units in the studies accepted for admission to College will be given full Freshman rank. A UNIT is the credit given for one study pursued through one year of a standard high school with five recitation periods each week; or one-sixteenth of a standard high school course. High School students who expect to enter College would do well to arrange their work so that it will meet the requirements for admission. They are also advised to take more than the minimum requirements in the languages, as they are more easily mastered at the High School age than later.

A description of the work necessary to satisfy the requirements in any subject will be found in the description of the courses offered in the Academy.

Of the fifteen units required for admission the 9 contained in Group A are required of all. The remaining 6 may be elected from Group B, or 3 may be elected from Group C.

Group A. Required of all.

Algebra, 1 year	1 unit
English, 3 years	3 units
Geomtry, plane, 1 year	1 unit

History, 1 year -----	1 unit
Language, (2 years of one language) -----	2 units
Laboratory Science, 1 year -----	1 unit

Group B. The remaining 6 units may be elected from this group.

Agriculture -----	$\frac{1}{2}$ or 1	Language (same language	
Algebra -----	$\frac{1}{2}$ or 1	as in Group A) --	1 or 2
Bible -----	$\frac{1}{2}$ or 1	Language (different from	
Botany -----	$\frac{1}{2}$ or 1	that of Group A) --	1 — 4
Chemistry -----	1	Physics -----	1
Civics -----	$\frac{1}{2}$	Physical Geography, $\frac{1}{2}$ or 1	
Economics -----	$\frac{1}{2}$ or 1	Physiology -----	$\frac{1}{2}$
English -----	1	Psychology -----	$\frac{1}{2}$ or 1
Geometry, Solid -----	$\frac{1}{2}$	Zoology -----	$\frac{1}{2}$ or 1
History -----	1 or 2		

Group C. Only three units may be elected from the following subjects: Bookkeeping, Commercial Arithmetic, Commercial Law, Commercial Geography, Drawing (Freehand or Mechanical), Domestic Science, Manual Training, Normal Training, Penmanship, Shorthand, Typewriting; or such other subjects as are usually offered in accredited High Schools.

If a student is a graduate from a general high school course of an accredited high school, meeting the requirements of the State Board of Education, yet without any foreign language, the student will be admitted to Freshman rank and sufficient language will be taken in the College, for College credit, to meet the language requirement.

If a single unit of any foreign language is offered in the entrance credits, this same language must be pursued for another year in college, and College credit will be given.

Credit in college for high school work in excess of the fifteen units required for entrance is granted only when this excess is of such a nature as is sometimes given in college. To have such credit carried up to the college the student must pass a satisfactory examination on the subject; or the Ranking Commit-

tee may grant such credit after a student has pursued successfully in college advanced work for which this high school work is a prerequisite. In carrying such work to the college course the hourage will be reduced so as to bear a fair ratio to the total hourage of a year's work in college. If in the work presented for entrance not more than fifteen units are what are known as "solids;" or if the excess is a subject listed in Group C; no college credit will be given.

CLASSIFICATION

The classification of students is made at the beginning of the school year upon the following basis:

Freshmen: Students who are deficient not more than one unit of entrance work and are carrying 12 term-hours of college work.

Sophomores: Students who have no entrance condition and have completed 40 term-hours.

Juniors: Students who have completed 90 term-hours.

Seniors: Students who have completed 132 term-hours.

A student's classification may be changed from Junior to Senior during the year of graduation.

REQUIREMENTS FOR GRADUATION

The degree of Bachelor of Arts will be conferred on those who have been in resident study for at least one school year, and who have received one hundred eighty-six term-hour credits, according to the group requirements which follow.

A term-hour of credit is given for the completion of work requiring one class exercise each week for one term or an equivalent. Each class exercise presupposes two hours of preparation.

For convenience the subjects offered in the College are divided into six groups. A certain amount of work must be chosen from each group. The total amount of distributed group requirements is equal to about one-half of the one hundred eighty-six term-

hours required for graduation, but only about one-fourth of the total requirement is specified. This gives the student an opportunity for specialization by careful selection of the electives from the various groups. A student who desires to receive the degree of Bachelor of Science instead of Bachelor of Arts must take from groups III and IV, seventy-five of the one hundred eighty-six term hours required for graduation. A full description of the subject in each department is given under Description of Courses.

Credit is not given toward graduation for a part of a course unless so specified in the description of the course. Credits will not be counted toward graduation in which the grade falls below 75, and not more than sixty term-hours in which the grade falls below 80. However, a grade of 70 excuses the student from taking a required course again.

REQUIREMENTS BY GROUPS

Group I. Latin, Greek, German, French, Spanish.

From this group sufficient work must be taken to make five years of language, including what was offered for entrance. Any language begun in College, except French and Spanish, must be continued through at least the second year, unless for special reasons the Faculty sets aside this requirement; and it is strongly advised that what ever language is chosen be pursued for two years. If a modern language only is offered for entrance, a classical language, preferably Latin, is recommended for at least two years of the remainder of the required work. Not more than one hundred term-hours of College work will be allowed from this group, and not more than nine term-hours of this amount shall be New Testament Greek.

Group II. English Language and Literature, Biblical Literature, Expression.

From this group twenty term-hours are required; nine of these must be Courses 6 and 7 in English.

By special arrangement with the head of the English department an equal hourage of English 12 may be substituted for English 7. Six term-hours of English must also be selected from the literature courses. Not more than seventy term-hours will be accepted from Group II and of these not more than twelve in Bible or eighteen in Expression.

Group III. Algebra, Plane Trigonometry, Spherical Trigonometry, Surveying, Analytical Geometry, Differential Calculus, Integral Calculus.

From this group students majoring in Biology or Chemistry (major departments 7 or 8) are required to take fifteen term-hours, ten of which must be courses 5 or 12 and 6. Students majoring in major department 6 are required to take twenty-one term-hours which must include courses 5, 6, 7, 8 and 9. Students majoring in departments 6, 7 and 8 who do not offer Solid Geometry for entrance must take course 4 in addition to the above requirements. Students majoring in any other department may elect work from Group III.

Group IV. Physics, Chemistry, Biology, Botany, Zoology, Geology, Domestic Economy, Astronomy.

If two units of laboratory science are offered for entrance, at least twelve term-hours are required from this group. If only one unit of laboratory science is offered for entrance, twenty-four term-hours must be taken in College. In either case, the courses must be selected so that the student will have work (including what was offered for entrance) in at least three of the following departments: vis., Physics, Chemistry, Biology, Geology, Astronomy and Domestic Economy (Cooking or Sewing). Not more than ninety term-hours will be accepted from this group.

Group V. History, Political Science, Social Science, Philosophy, Education, Religion.

From this group forty term-hours are required of which five must be in Philosophy 1, four in Phi-

osophy 2, nine in History or Political Science, six in Christian Evidences, and six in Economics. Not more than ninety term-hours will be accepted from this group, and of these not more than thirty term-hours in Education and fifteen in Religion and Theology, besides Christian Evidences.

Group VI, Physical Training, Drawing, Music, Painting.

From this group six term-hours are required in Physical training. Not more than fifteen term-hours in Drawing and Painting will be accepted; and not more than twelve in Music, which must be class work.

MAJOR REQUIREMENT

The requirements made in the foregoing groups insure to the student breadth of culture and a knowledge of the different fields of learning. On the other hand in order to secure thoroughness and continuity in at least one field of knowledge, each candidate for a degree must choose, not later than the beginning of the junior year, a major in which he must complete at least thirty term-hours. But for a student who has offered for entrance less than two units from the department in which his major is chosen the head of such department will determine the number of hours to be taken in the major group. The maximum limitations given in the six groups above do not apply to subjects chosen as majors. The student shall in every case select his major after consultation with the head of the department and shall give notice to the registrar in writing. For the selection of majors the College courses are divided into the following thirteen departments:

1. Latin.
2. Greek.
3. German.
4. Romance Languages.
5. English.
6. Mathematics, Physics and Astronomy.

7. Biology.
8. Chemistry.
9. History, Political Science and Social Science.
10. Philosophy and Education.
11. Biblical Literature, Religion, Theology.
12. Expression and Music.
13. Domestic Economy.

ARRANGEMENT OF COURSES

The following is the suggested arrangement of courses by years. Students are expected to follow this arrangement, unless there is a good reason for a change:

FRESHMAN YEAR

English 6, 7	9 term-hours
Language	9 to 12 term-hours
Mathematics (for students expecting to major in major depts. 6, 7, or 8)	5 to 15 term-hours
Social Science 3 (Economics)	6 term-hours
Physical Training	3 term-hours
Elective to make	8 term-hours

SOPHOMORE YEAR

Language (if required)	9 to 12 term-hours
Science	9 to 15 term-hours
History 6, 10, or 12	9 term-hours
Physical Training	3 term-hours
Elective to make	48 term-hours

JUNIOR YEAR

Language (if required)	9 to 12 term-hours
Philosophy 1 (Psychology)	5 term-hours
Philosophy 2 (Logic)	4 term-hours
Elective to make	45 term-hours

SENIOR YEAR

Religion 2 (Christian Evidences)	6 term-hours
Elective to make	45 term-hours

The student, in making out his elective courses for each year, must give attention to the group and major requirements for graduation.

DOMESTIC ECONOMY

A two-year course, giving a diploma in Domestic Economy, is outlined below. The admission requirements are four years of approval Academic or High School work, including English, History, Mathematics, Science and some Language work. If a credit for Physics is not presented, this must be brought up. Students who have had one year of Chemistry should take Chemistry 2, 4 and 5.

For laboratory work in Cooking, each student should have an ample supply of plain shirtwaists (white preferred), large, plain white aprons with bibs, shoulder straps and pockets; hand towels, about 18 inches square of checked glass linen, and holders.

Each student furnishes her own materials for the work in sewing and millinery, and owns the finished product.

Physical Training is required for a year, but no credit is given for the same.

JUNIOR YEAR

Fall Term

Domestic Economy , (Plain Sewing)	3 term-hours
Domestic Economy 5 (Cooking) ----	2 term-hours
Chemistry -----	5 term-hours
Domestic Economy 7 (Home Nursing)	2 term-hours
English 6 -----	3 term-hours

Winter Term

Domestic Economy 1 (Plain Sewing)	3 term-hours
Domestic Economy 5 (Cooking) ----	2 term-hours
Chemistry -----	5 term-hours
Domestic Economy 8 (Textiles) ----	2 term-hours
English 6, -----	3 term-hours

Spring Term

Domestic Economy 2 (Dressmaking)	3 term-hours
Domestic Economy 5 (Cooking) ----	2 term-hours
Chemistry -----	5 term-hours

Domestic Economy 13 (Millinery) ..	2 term-hours
Education 1	3 term-hours

SENIOR YEAR

Fall Term

Domestic Economy 9 (Food and Dietetics) ..	2 term-hours
Domestic Economy 6 (Quantity Cooking) ..	2 term-hours
Domestic Economy 4 (Sewing) ----	3 term-hours
Education 7	5 term-hours
Art 5	3 term-hours

Winter Term

Domestic Economy 10 (Food and Dietetics) ..	2 term-hours
Domestic Economy 6 (Quantity Cooking) ..	2 term-hours
Domestic Economy 11 (Household Administration)	2 term-hours
Domestic Economy 12 (Observation and Practice Teaching)	2 term-hours
Biology 7	2 term-hours
Chemistry 6	5 term-hours

Spring Term

Domestic Economy 6 (Cooking) ----	2 term-hours
Domestic Economy 3 (Sewing) ----	5 term-hours
Domestic Economy 11 (Household Administration)	2 term-hours
Domestic Economy 12 (Observation and Practice Teaching)	2 term-hours
Biology 9	4 term-hours

COMBINED COLLEGE AND MEDICAL COURSE

Students who desire the degree of Bachelor of Arts and of Doctor of Medicine and do not wish to spend the usual eight years in the two courses, may enroll in the combined College and Medical course

and thus shorten the time to seven years. This privilege is open only to students who have a record of good scholarship for the first three years of their course and who have been resident students at the University for at least one of these years. Under this provision the student may give his full time during his fourth year to work in the Medical School, but must make application for graduation as if in regular attendance and pay the diploma fee.

A student must have at least one hundred forty-one term-hours of credit in the College in Literature, Science and Arts, and this credit must include all the specified requirements for graduation from the College except eleven term-hours of the general requirement in Group II, and nine term-hours of the general requirement in Group V, besides six in History or Political Science; but Plane Trigonometry is required in Group III.

A certificate from the Medical School stating that one full year's work has been satisfactorily completed is accepted by the University for forty-five term-hours of credit to complete the one hundred eighty-six hours required for graduation.

The following is a suggested arrangement of the courses:

FIRST YEAR

English Comp. and Lit. _____	9 term-hours
Mathematics _____	5 to 10 term-hours
Chemistry _____	15 term-hours
Economics _____	6 term-hours
Physical Training _____	3 term-hours
Elective to make _____	48 term-hours

SECOND YEAR

French, German or Latin ____	9 to 12 term-hours
Chemistry _____	15 term-hours
Biology _____	12 term-hours
Physical Training _____	3 term-hours
Elective to make _____	48 term-hours

THIRD YEAR

French, German or Latin (if required) -----	9 to 12 term-hours
Chemistry or Biology -----	4 to 5 term-hours
Physics -----	12 term-hours
Christian Evidences -----	6 term-hours
Psychology -----	5 term-hours
Logic -----	4 term-hours
Elective to make -----	45 term-hours

POST GRADUATE DEPARTMENT

The Post Graduate Department is conducted by the College Faculty. Any person who holds a Bachelor's degree from this institution or from any other of approved grade, may, by presenting proper evidences of his fitness, become a candidate for a Master's degree. He shall make his application to the department in which he desires to do his major work. The head of the department with the Ranking Committee shall pass upon his application.

One year of study in residence is required of every candidate. The candidate is required to select one major subject and one minor subject; the major subject must be one which he has pursued to some extent during his College course. The course altogether will include forty-eight term-hours of work selected, with the approval of the committee, from the undergraduate College courses. However no study shall be selected for which the candidate has received credit in obtaining his Bachelor's degree, and which is not of more advanced grade than the work done previously.

Each candidate must write a thesis of not less than five thousand words, on some subject which has been approved by the committee, and which is in line with his major subject. It must be printed or typewritten on paper eight and one-half inches by eleven, with suitable thesis binding, and must contain a table of contents and a list of authorities consulted. The

subject of the thesis must be submitted and approved by December first and the completed thesis must be submitted to the committee for approval by May first preceding the Commencement at which the candidate expects to receive his degree.

FEEES

A matriculation fee of five dollars shall be paid at the time of registration. The tuition, laboratory fees, and all incidental fees will be the same as for undergraduates. A diploma fee of ten dollars is required of all graduate students.



THE ACADEMY

The Academy provides a four-year course of instruction for five classes of students; those who are preparing to enter College; those who desire better preparation for undergraduate theological courses; those who are preparing for technical courses; those who are preparing to become teachers, and those who desire a better preparation for the common walks of life. The Academy is recognized by the State Board of Public Instruction as one of the commissioned High Schools of Indiana.

The courses have been prepared to meet the general College entrance requirements, and the requirements of the State Department of Public Instruction of the State of Indiana for commissioned or first grade High Schools.

ADMISSION

Students who present certificates of graduation from the common schools or of promotion to High School are admitted to the Academy without examination. Those not presenting certificates will take the entrance examination.

If applicants for admission to the Academy have not completed the work of the Eighth Grade as prescribed for the common schools of Indiana, or its equivalent they will be enrolled in such studies as they have not taken. They will pursue these common branches as fast as the schedule of recitations will permit and when these do not occupy twenty periods a week they may select Academy studies. When enrolled for not less than one-half of the "First Year" studies, students will be classed as first year students.

Students seriously deficient in spelling or other fundamentals of elementary English will be required to enroll in the pre-academy courses.

ADVANCED STANDING

Credits for advanced standing will be accepted

from other schools of established reputation. Students coming from other schools and offering credits for advanced standing will be given credit according to group specifications for College entrance. See page 40. Certificates of credit should contain a list of the subjects, the length of time pursued, the number of recitations a week and the grade; this, signed by the proper official, should be presented at the time of registration if possible.

REQUIREMENTS FOR GRADUATION

To graduate from the Academy 16 units are required besides the work in Physical Training. A UNIT is the credit given for one year's work in a subject reciting four or five times a week for thirty-six weeks.

Those expecting to enter College are advised to take more than the minimum requirement in the languages, as they are more easily mastered at the High School age than later. It is also advised that Solid Geometry be elected.

Of the sixteen units required, the eleven contained in Group A are required of all. The remaining five units may be elected from Group B, or two may be elected from Group C.

GROUP A. Prescribed subjects, eleven units required of all as follows:

English, 3 years ----- 3 units

(One recitation a week in English will be
English Bible)

Mathematics, 2 years ----- 2 units

(Algebra, 1 unit; Plane Geometry, 1 unit)

Language, preferably Latin, 2 years ---- 2 units

History, 2 years ----- 2 units

Physics, 1 year ----- 1 unit

Agriculture, Biology or Domestic Science, 1 unit

Physical Training.

GROUP B. The remaining five units may be elected from this group.

Agriculture -----	1 unit
Biology -----	1 unit
Botany -----	$\frac{1}{2}$ unit
Chemistry -----	1 unit
Civics -----	$\frac{1}{2}$ unit
Drawing or Art -----	$\frac{3}{5}$ unit
English -----	1 unit
French -----	1 or 2 units
Geometry, Solid -----	$\frac{1}{2}$ unit
German -----	1 or 2 units
Greek -----	1 or 2 units
History -----	1 or 2 units
Latin -----	1 or 2 units
Physical Geography -----	$\frac{1}{2}$ unit
Psychology -----	$\frac{1}{3}$ unit
Rudiments of Music -----	$\frac{2}{5}$ unit
Zoology -----	$\frac{1}{2}$ unit

GROUP C. Not more than 3 units will be accepted from this group and not more than the indicated amount in any one subject.

Bookkeeping -----	1 unit
Commercial Law -----	$\frac{1}{3}$ unit
Commercial Arithmetic -----	$\frac{1}{3}$ unit
Commercial Geography -----	$\frac{1}{3}$ unit
Domestic Science -----	1 unit
Penmanship -----	$\frac{1}{2}$ unit
Shorthand -----	1 unit
Typewriting -----	1 unit
Oratory -----	1 unit

ARRANGEMENT OF THE COURSE

The following is a suggested arrangement of the required and elective subjects. Those preparing for College entrance should select their electives so as to meet the requirements. Other students may select any of the electives offered, subject to the limitations as shown in Groups B and C. Students would do well to notice the excellent one-hour courses offered in Drawing, Rudiments of Music, and Sight Read-

ing. These subjects may be elected and credit will be given as indicated in the groups above.

FIRST YEAR

English 1 (4 hours) and Bible 1 (1 hour)___	1 unit
Latin 1 (5 hours, -----)	1 unit
History 1 (4 hours) -----	1 unit
Biology 1, Agriculture or Domestic Science (5 hours) -----	1 unit
Physical Training.	

SECOND YEAR

English 2 (4 hours) Bible 2 (1 hour) ----	1 unit
Latin 2 (4 hours) -----	1 unit
Mathematics 1, Algebra (4 hours) -----	1 unit
History 2, (4 hours) -----	1 unit
Physical Training.	

THIRD YEAR

English 3 (4 hours) Bible 3 (1 hour) ----	1 unit
Mathematics 2, Plane Geometry (4 hours) --	1 unit
Elective -----	2 units

FOURTH YEAR

Physics 1 (5 hours) -----	1 unit
Elective -----	3 units

COMBINED LITERARY AND MUSICAL COURSE

For those desiring to specialize in music while taking their Academy work a course may be arranged in which music may be substituted for any four units of the Academy work except English. For such credit music, preferably piano, must be pursued continuously and satisfactorily during the four years; and two lessons a week and at least two practice periods daily are required as the equivalent of the four units. If piano is taken, the requirements for graduation will be scales and arpeggios in all keys; Bach's two voice inventions; Cramer's Etudes; the easier compositions from the classical and modern composers.

A suitable diploma will be issued to the graduates of this course; but this diploma is not in any sense to be considered a diploma from the School of Music, nor does this course meet the requirements for College entrance. Students who wish to prepare for College may do so by taking one more year's work so selected as to meet the requirements for entrance.

The tuition for this course is three-fourths of the tuition for the general Academy course plus the regular price for music lessons.



THE BIBLE SCHOOL

Taylor University gives much attention to the needs of Christian workers. Students of all denominations are received. Candidates for the mission fields, pastors' assistants, Sabbath School superintendents and teachers, evangelists, local preachers, conference students—all are welcomed and their needs conscientiously provided for.

Never in the history of the Church were greater demands made upon the Christian minister and the church worker than today. That students who go out from us may be able to meet these demands, it is the aim of the Faculty to help them secure the best spiritual and intellectual preparation. The ideals of the school are: A definite knowledge of personal salvation, with ability to give an intelligent "answer to every man that asketh him, a reason concerning the hope that is in him"; "such a knowledge of the Bible as to be able rightly to divide the word of truth"; special emphasis upon those doctrines which underlie all sweeping evangelical movements; a comprehensive study of the history of the Church, resulting in charity for those of different opinions, accompanied by zeal to excel the accomplishments of the past; and frank and unimpassioned discussion of questions of exegesis and apologetics.

Taylor University School of Bible is conservative in the matter of Biblical criticism. It holds to the inspiration of the whole bible. It appeals to students who wish to shun the poison of rationalism and destructive higher criticism. It stands for the old paths.

The Faculty aims to adopt that method or variety of methods of instruction, conducive to the deepest interest and most thorough study. Hence the best text books will be used, together with reference books, lectures, discussions, blackboard and original written exercises, praxis and criticism.

English Bible Course

This course is arranged to meet the needs of those who desire a thorough knowledge of the Bible. The courses in English and History are for those who have not taken a high school course. Credit will be given on the course for these subjects if proper certificate of credit from recognized high schools is furnished.

ADMISSION

Students who present certificates of graduation from the common schools or of promotion to High School are admitted without examination to the English Bible Course. Those not presenting certificates will take the entrance examinations.

ADVANCED STANDING

Students who present proper credentials of work done in other schools will be given advanced standing according to the amount of work done. These credentials should be presented on the day of registration and should contain a statement of the subjects pursued, the number of recitations a week in each subject, the number of weeks each subject was taken and the grade obtained in each; the credentials must be signed by the proper school officials.

CONDITIONAL ADMISSION

If applicants for admission to the English Bible Course have not completed the work of the Eighth Grade as prescribed for the common schools of Indiana, or work equivalent to this, they will be enrolled in the studies in which they are deficient. They will pursue these common branches as fast as the schedule of recitations will permit and when these do not occupy twenty periods a week they will be permitted to select subjects from the first year of the English Bible Course. When they are enrolled for work in the common branches and also in this course they

will be classed as irregular students if the deficiency is more than half of one year's work.

REQUIREMENTS FOR GRADUATION

The work of this course is arranged for three or four years' work.

The three-year course is outlined below; the four-year course includes in addition four units (one year) of Academy work to be approved by the Faculty. Students completing the three-year course will be given a certificate; those completing the four-year course will be given a diploma.

For information concerning these subjects the students is referred to the Description of Courses.

OUTLINE OF ENGLISH BIBLE COURSE

FIRST YEAR

English 1	12 term-hours
Bible 1	3 term-hours
Bible 5 and 6 (Old and New Testament History)	9 term-hours
Religion 1 (Missions)	9 term-hours
History 1	12 term-hours
Elective	3 term-hours
Physical Training.	

SECOND YEAR

English 2	12 term-hours
Bible 2	3 term-hours
Bible 7 (New Testament Studies) ..	9 term-hours
Bible 8 (Old Testament Studies) ..	6 term-hours
Expression	9 term-hours
Practical Theology (Homiletics) ..	9 term-hours
Physical Training.	

THIRD YEAR

English 3	12 term-hours
Bible 3	3 term-hours
Bible 4	3 term-hours

Bible 11 and 12 (Daniel and Revelation and the Gospels) -----	6 term-hours
Pastoral Theology -----	3 term-hours
Expression -----	9 term-hours
Elective -----	12 term-hours

SCHOOL OF EXPRESSION

Art is the revelation of subjective impression into some kind of objective body.

Art is a necessity of man's nature. It is deeper than language, yet it is the highest mode the soul can secure to reveal itself. Each art may definitely require a special set of faculties to be trained: but these must be brought into harmony for power in any one art. Hence a certain amount of training in different arts develops the art capacities and enables the mind to grasp the elements that are fundamental to all art.

Expression is a term universally applied to all forms of Art.

The study of Vocal Expression tends to broaden culture and to refine and spiritualize the sensibilities of man.

The course develops the mind, body and voice, that the speaker may normally express himself. It does for each pupil whatever is necessary to call forth his innate powers. It purposes to awaken the student, first of all, to "find himself," to be able to think and to do what is to be done: to remove faults of voice and body, and eliminate mannerisms without destroying the individual temperament and personality.

Students in this deparment are referred to the article on Contests and Prizes.

REQUIREMENTS FOR GRADUATION

In order to be granted a diploma in Expression a student must be a graduate from an Academy or High School and must have, in addition, 50 or 51 term-hours' work as follows: 36 in class work in Expression; 6 in private work; 5 in Psychology and 3 or 4 in Argumentation or Logic.

The following is an outline of the 36 term-hours of class work in Expression required for graduation:

COURSE IN EXPRESSION

FIRST YEAR

Foundation of Expression (Curry).
Elementary Exercise in Tone Production.
Harmonic Gymnastics.
Extemporaneous Speaking.
Recitations.

SECOND YEAR

Foundation of Expression.
Classics for Vocal Expression (Curry).
Vocal Training and Harmonic Gymnastics.
Extemporaneous Speaking.
Recitations.

THIRD YEAR

Imagination and Dramatic Instinct (Curry).
Classics for Vocal Expression.
Foundation of Expression.
Shakespeare.
Pantomime and Vocal Training.
Platform Work.

FOURTH YEAR

Imagination and Dramatic Instinct.
Literary Interpretation of the Bible (Curry).
Browning and the Dramatic Monologue (Curry).
Shakespeare.
Pantomime and Vocal Training.
Platform Art and Recitals.

Vocal training consists of two parts: (1) The securing of right tone production. (2) The improving of speech. The method used is not altogether technical, but awakens the imagination and secures the right action of the mind.

Harmonic training prepares the body for expression. It stimulates development and is primarily psychic.

Preachers receive training of the voice and body

in order to secure economy of force and self-control. Special studies are given in the interpretation of the Bible and the reading of hymns.

Each student has ample opportunity to give productions at recitals, Literary Societies, and Debating Clubs.

For further information see Description of Courses.



SCHOOL OF MUSIC

OUTLINE OF COURSES

There are four distinct courses of study in the conservatory curriculum, leading toward certificates, diplomas or degrees,—Preparatory, Normal, Public School Music and Artist or Advanced Course.

The requirements for admission to the institution are briefly stated: moral character, evidences of musical ability, general intelligence and a serious purpose. The degree of advancement does not affect a student's admission, but does affect his classification as to grade. The regular entrance examinations include three tests: the first usually given by the director to ascertain the vocal or instrumental talent of the student and his stage of advancement; the second to discover what theoretic work has been done; the third to test the sense of musical hearing.

THEORY

Beginning with Harmony, Ear Training and Sight Singing, the course leads to Counterpoint and Analysis with elective courses in Double Counterpoint, Canon, Fugue, Instrumentation and Composition.

From the first the pupil learns to harmonize melodies as well as basses. He is taught to recognize both by ear and by sight, chord and chord progressions, thus embracing modulation; and, at the keyboard, to harmonize melodies, to modulate and transpose. Much attention is paid to the education of the musical instinct and studies in original composition are encouraged parallel with the preparation of the regular lessons. In this way, the pupil learns to write melodies, little piano pieces, songs, the motet, etc., while going on with his regular theory. Students who are admitted to the first year harmony course will be required to show such advancement in music as to make reasonably sure the completion of Theory Course III in three years. Those who are not sufficiently ad-

vanced in piano study or are unable to sing a simple melody at sight are advised to defer the study of harmony and enter a sight-singing and ear-training class, where special attention can be given to their needs.

THREE COURSES IN THEORY

Candidates for the degree will complete one of the following courses in Theory, all of which are alike for the first part of the course, after which the choice of a course will depend upon a student's major study.

Major Study: Composition—Course I.

Theory 1, 2, 3, 4, 5, 6C, 7, 8, 9, 10, 11, 12. Courses 9 to 12 may be taken parallel with Courses 5 to 8.

Major Study: Organ—Course II.

Theory 1, 2, 3, 4, 5, 6C, 7, 6F. Two years of Composition begun. Course 5 may be substituted for Course 6F.

Major Study: Pianoforte or Voice, etc.—Course III.

Theory 1, 2, 3, 4, 5, 6F. Candidates for the degree who take this course must have completed it before entering the Senior year.

COURSES OF INSTRUCTION

1, 2 Theory: First Year.

Theory 1, 2 constitutes a year-course, meeting four times a week; two of the sessions each week being devoted to Harmony, the other two to Ear Training and Sight Singing in charge of an assistant. In the listed days the first two are Harmony in each case; the other two are Ear Training. Credit is not given for this course until the student has completed both the Harmony and the Ear Training, except any students taking the regular work in public school music will take Harmony only, preferably in Sections I or II. Harmony alone is credited three hours, Ear Training one hour.

3, 4 Theory: Second Year.

A year course is advanced Harmony and Harmonic Analysis embracing a study of all modern musical composition. A large part of the third term is devoted to the analysis of illustrative passages of harmony from all schools of composition. A certain amount of regular harmony playing is required throughout the year.

5 Theory: Third Year.

One and one-half terms of Simple Counterpoint, two, three and four part writing in the various species of advanced harmony playing.

6C Theory. Third Year. Counterpoint.

This is a continuation of Course 5. Advanced studies in four-part double Counterpoint, five to eight part writing. Eight real parts for two choirs from Cherubini's Basses.

6F Theory: Third Year. Form.

An elective on completion of Course 5. Elements of musical form from the motive and primary form through the development of the composite forms with analysis of important types both classic and modern.

This is a half-year study and aims to give a comprehensive view of the methods of musical composition.

7, 8 Theory: Fourth Year.

A year course in strict Composition, Canon and Fugue. First term, graded studies and free imitation, strict canons of all the typical kinds, first studies in fugue writing to the completion of two voiced fugues.

Second and third terms. Detailed studies of the process of fugue writing; several model fugues completed. Three, four, and five part fugue; double fugue. At the close of the term, the student is expected to submit a fugue for piano, organ or chorus, suitable for performance.

COMPOSITION

Elective with Theory Committee, to begin with Third Year of Theory.

OUTLINE OF COURSE

(Two Years.)

The earlier musical forms. Writing of an effective theme and variations, or a suite.

The later musical forms. Writing of a sonata for solo instrument, or other composition for solo instrument and orchestra, or for voices with orchestra.

Instrumentation and the analysis of important works will be understood as a component of this course, and those who complete it may omit Theory 6F and a separate study of Instrumentation.

Especial emphasis will be laid, from the beginning, upon the esthetic side as well as on the practical effectiveness of the pupil's work, and upon the development of his technic as a composer.

INSTRUMENTATION

Elective, with Approval of Theory Committee, to begin with Third or Fourth Year of Theory.

OUTLINE OF COURSE

(One Year.)

Reading of orchestral work, both classic and modern, beginning with Hayden and Mozart.

Study of orchestral instruments with a view to practical and effective writing for the orchestra.

Arranging compositions for string orchestra and for full orchestra, so as to be acceptable for public performance.

HISTORY OF MUSIC

History and Criticism of Music

The work in the History of Music will be given principally through lectures. While the course covers

the whole period of musical history down to the present, much the larger share and emphasis is given to the composers and the period that affects the musical life of the present day.

PIANOFORTE

The principles of Theodore Leschetizky will be maintained principally in the pianoforte department. Instruction in piano playing involves a special adaptation to the needs of each individual pupil. While technical foundation is insisted upon, musical feeling is cultivated from the outset. Special emphasis is laid upon the works of modern composers such as Scriabine, Arensky, Ravel, D'Alb  t, Schoenberg, Debussy, McDowell, Bortkiewicz, Balakirew, Dohnanyi, etc.

NORMAL TRAINING

Students who are sufficiently equipped in piano, harmony and musical history, may upon the recommendation of the piano teacher, enter this class. This course consists of the presentation of modern methods of teaching children from the kindergarten to the adult period. This is a practical course in which each teacher teaches his own pupil privately and publicly for class criticism. Special emphasis is placed upon the preparation of teaching material for each grade.

ORGAN

Course of instruction in this department is planned to develop a finished technic adequate to artistic and effective organ playing and to impart such a knowledge of the very best organ literature as will enable students to know what to use and how to use it in their own playing and teaching. The requirements of the church service are always kept in view.

VIOLIN

Among the many distinct advantages that will be offered in the violin course will be the scientific teaching of the vibrate and special attention to the solution

of certain well-known difficult problems relating to the proper manipulation of the bow. Special emphasis will at all times be laid upon such essential subjects as correct position of the body, manner of holding the instrument and the position of the left hand. A proper observance of a few simple rules in respect to laying the foundation will enable the pupil to steer clear of many of the common faults and will greatly facilitate the execution of the more difficult compositions to be found in the advanced course. The course of study embraces technical material devised by violinists and teachers of established reputation and authority, together with such compositions as are conducive to an increasing appreciation of the best in our modern violin literature.

ENSEMBLE PLAYING

Abundant opportunity is given for ensemble playing in string quarters, duos, trios, etc., with piano, ranging from simple compositions to the mastery of the classical and modern schools, thus laying the foundation for a broad, intelligent style.

CONSERVATORY ORCHESTRA

Students of stringed instruments have also the advantage of playing in the conservatory orchestra, which is composed of students studying various instruments in the school.

THE MODEL FOUR-YEAR COURSE

In adopting the plan outlined in the four-year course Taylor Conservatory of Music attempts to give definite classification in a music course as early as possible, but with the distinct understanding that the credits indicated in the junior and senior years can be given to those only who have fulfilled so well all the requirements that they have received junior classification by special vote of the conservatory faculty. This classification received, the students' courses are credited as earned in the usual way. If for any reason a student fails to receive junior classification in this

third year, his credits in theory and other classes will be counted, but no further credit for practical music will be given until his classification is attained. On the other hand, a student who is so advanced in music as to receive junior classification the second year in Taylor, thereby receives advanced credit and may be able to finish the course in three years.

TEACHERS' CERTIFICATES

By special vote of the faculty, a teachers' certificate may be given to any regular member of the conservatory who successfully completes one of the three courses in theory and Course I in history of music, who can appear creditably in a student's recital and is proficient enough to teach a second branch of practical music. In addition the normal course in piano is required of those whose major study is piano.

INSTRUMENTS FOR LESSONS AND PRACTICE

The practice rooms are furnished with upright pianos in good tune and repair. Organ lessons and practice will be done on a two manual, pedal organ. Provision will also be made for the use of the practice clavier, so far as it may be deemed advisable in the case of individual students.

SPECIAL ADVANTAGES

ARTISTS RECITAL

To afford students the opportunity of hearing good music, rendered by artists of superior ability, a regular series of recitals is given each year.

STUDENTS RECITALS

One of the most important incidental advantages of the conservatory is the weekly recital where students may become acquainted with a far greater number of musical compositions than they would individually, and where they may themselves, when sufficiently advanced present compositions assigned by their teachers for the purpose of giving them self-control and ease in public appearance.

PREPARATION FOR EVANGELISTIC WORK

A special course has been arranged for the development of evangelistic piano playing which includes the ability to elaborate and embellish the ordinary hymn tune. No pupil is encouraged to take this course except on the recommendation of the Theory committee.

MODEL FOUR-YEAR COURSES, EACH WITH A
DIFFERENT MAJOR STUDY
PIANO MAJOR

	1st	2d	3d	Cr.
FIRST YEAR	T	T	T	
Piano—3 hours daily practice -----	6	6	6	18
2nd Study—Voice, organ, violin, etc., 1 hour daily practice -----	2	2	2	6
Theory—With ear training -----	4	4	4	12
Physical Training -----	1	1	1	3
Rehearsal and Recitals -----	1	1	1	3
				—
				42

	1st	2d	3d	Cr.
SECOND YEAR	T	T	T	
Piano—3 hours daily practice -----	6	6	6	18
2nd Study—1 hour daily practice -----	2	2	2	6
Theory -----	3	3	3	9
History of Music -----	3	3	3	9
Rehearsal and Recitals -----	1	1	1	3
				—
				45

	1st	2d	3d	Cr.
JUNIOR YEAR	T	T	T	
Piano—3 hours daily practice -----	6	6	6	18
2nd Study—1 hour daily practice -----	2	2	2	6
Theory -----	3	3	3	9
Rehearsal and Recitals -----	1	1	1	3
Electives -----	4	4	4	12
				—
				48

Credit in practical music subject to Junior Classification.

	1st	2d	3d	Cr.
SENIOR YEAR	T	T	T	
Piano—Private lessons -----	6	6	6	18
Recital in Major Study -----				12
Rehearsal and Recitals -----	1	1	1	3
Electives—If desired, 4 hours of this, a recital in 2nd study -----				12
				—
				45

VOICE MAJOR

	1st	2d	3d	Cr.
FIRST YEAR	T	T	T	
Voice—1 hour daily practice -----	2	2	2	6
Piano—3 hours daily practice -----	6	6	6	18
Theory—With ear training -----	4	4	4	12
Physical training -----	1	1	1	3
Rehearsal and Recitals -----	1	1	1	3
				—
				42

	1st	2d	3d	Cr.
SECOND YEAR	T	T	T	
Voice—2 hours daily practice -----	4	4	4	12
Piano—2 hours daily practice -----	4	4	4	12
Theory -----	3	3	3	9
History of Music -----	3	3	3	9
Rehearsal and Recitals -----	1	1	1	3
				—
				45

	1st	2d	3d	Cr.
JUNIOR YEAR	T	T	T	
Voice—2 hours daily practice -----	4	4	4	12
Piano—2 hours daily practice -----	4	4	4	12
Theory -----	3	3	3	9
Choir and Musical Union—Required -----	1	1	1	3
Rehearsal and Recitals -----	1	1	1	3
Language—Required -----	2	2	2	6
Elective -----	1	1	1	3
				—
				48

	1st	2d	3d	Cr.
SENIOR YEAR	T	T	T	
Voice—Private lessons	6	6	6	18
Recital in Major Study				12
Choir and Musical Union—Required	1	1	1	3
Rehearsal and Recitals	1	1	1	3
Electives	3	3	3	9
				—
				45

ORGAN MAJOR

	1st	2d	3d	Cr.
FIRST YEAR	T	T	T	
Organ—1 hour daily practice	2	2	2	6
Piano—3 hours daily practice	6	6	6	18
Theory—With ear training	4	4	4	12
Physical training	1	1	1	3
Rehearsal and Recitals	1	1	1	3
				—
				42

	1st	2d	3d	Cr.
SECOND YEAR	T	T	T	
Organ—1½ hours daily practice	3	3	3	9
Piano—3 hours daily practice	6	6	6	18
Theory	3	3	3	9
History of Music	3	3	3	9
Rehearsal and Recitals	1	1	1	3
				—
				48

	1st	2d	3d	Cr.
JUNIOR YEAR	T	T	T	
Organ—2 hours daily practice	4	4	4	12
Piano—2 hours daily practice	4	4	4	12
Theory	3	3	3	9
Rehearsal and Recitals	1	1	1	3
Elective—Preferably Instrumental	3	3	3	9
				—
				45

SENIOR YEAR

	T	T	T	
	1st	2d	3d	Cr.
Organ—Private lessons -----	6	6	6	18
Recital in Major Study -----				12
Theory -----	3	3	3	9
Rehearsal and Recitals -----	1	1	1	3
Elective -----	1	1	1	3
				—
				45

VIOLIN, 'CELLO, ETC., MAJOR

	1st	2d	3d	Cr.
FIRST YEAR	T	T	T	
Violin—3 hours daily practice -----	6	6	6	18
Piano—1 hour daily practice -----	2	2	2	6
Theory—With ear Training -----	4	4	4	12
Physical training -----	1	1	1	3
Rehearsal and Recitals -----	1	1	1	3
				—
				42

SECOND YEAR

	1st	2d	3d	Cr.
	T	T	T	
Violin—3 hours daily practice -----	6	6	6	18
Piano—1 hour daily practice -----	2	2	2	6
Theory -----	3	3	3	9
History of Music -----	3	3	3	9
Ensemble or Orchestra—Required -----	1	1	1	3
Rehearsal and Recitals -----	1	1	1	3
				—
				48

JUNIOR YEAR

	1st	2d	3d	Cr.
	T	T	T	
Violin—Private lessons -----	6	6	6	18
Piano—1 hour daily practice -----	2	2	2	6
Theory -----	3	3	3	9
Orchestra—Required -----	1	1	1	3
Rehearsal and Recitals -----	1	1	1	3
Electives -----	2	2	2	6
				—
				45

	1st	2d	3d	Cr.
SENIOR YEAR	T	T	T	
Violin—Private lessons -----	6	6	6	18
Recital in Major Study -----				12
Orchestra—Required -----	1	1	1	3
Rehearsal and Recitals -----	1	1	1	3
Electives—String Quartet a part of this if possible -----	3	3	3	9
				—
				45

COMPOSITION MAJOR

	1st	2d	3d	Cr.
FIRST YEAR	T	T	T	
Theory—3rd year -----	3	3	3	9
Piano—3 hours daily practice -----	6	6	6	18
2nd Study—1 hour daily practice -----	2	2	2	6
Physical training -----	1	1	1	3
Rehearsal and Recitals -----	1	1	1	3
Elective -----	1	1	1	3
				—
				42

	1st	2d	3d	Cr.
SECOND YEAR	T	T	T	
Composition -----	3	3	3	9
Theory—4th year -----	3	3	3	9
Piano—3 hours daily practice -----	6	6	6	18
2nd Study—1 hour daily practice -----	2	2	2	6
Rehearsal and Recitals -----	1	1	1	3
Elective -----	1	1	1	3
				—
				48

	1st	2d	3d	Cr.
JUNIOR YEAR	T	T	T	
Composition -----	6	6	6	18
Piano—2 hours daily practice -----	4	4	4	12
History of Music -----	3	3	3	9
Rehearsal and Recitals -----	1	1	1	3
Elective -----	1	1	1	3
				—
				45

	1st	2d	3d	Cr.
SENIOR YEAR	T	T	T	
Composition -----	6	6	6	18
Recital in Major Study -----				12
Rehearsal and Recitals -----	1	1	1	3
Elèctives -----	4	4	4	12
				—
				45

Vocal Department

True cultivation of the voice consists in the development of pure tone and its easy, natural use and control in singing. Correct use of the breath, intonation, attack legato, accent, phrasing, and enunciation are the leading features of technical drill. Neither the so-called method of the Italians nor that of the Germans is used exclusively; but by the adoption of what is believed to be the best features of all methods, as well as by the use of a discriminating judgment as to any particular needs of the particular voice under treatment, we endeavor to carry forward the formation and development of the singing voice. At the same time a higher ideal than the perfection of mere mechanical skill is aimed at, viz., a musicianly style of singing, and all that is implied in the broad term "interpretation," together with a thorough knowledge of the best works of the great masters, both new and old. Thus we hope to prepare our pupils for successful teaching, for positions in church choirs, and for concert work, and through them to advance the cause of artistic singing.

COURSE IN VOICE

First Year—Diaphragmatic breathing, exercises for breath control and tone placement from Viardot and Randegger, Concone Op. 9—Easy songs.

Second Year—Continued work in vocal technique, studies from Concone, Panofka, Marchesi. More difficult sacred and secular songs.

Third Year—Exercises in rapid scales, trills and arpeggios. Studies from various masters. Recitative and arias from the easier oratorios and German and English songs.

Fourth Year—Advanced vocal technique and studies, difficult songs. Study of Coloratura, Oratorio and Operatic arias in Italian, German and English.

EVANGELISTIC SINGING COURSE

A course is offered in evangelistic singing. The work will include Solfeggio, training for chorus directing, private work in voice, and Bible. Those who wish to take other work in the other departments of the school have the opportunity of choosing such work as will meet the requirements.

CHORUS

An Oratorio chorus made up of the students from the School of Music affords opportunity for ensemble singing and study of some of the best choral works.

VOCAL APPRECIATION

A course of lectures continuing through the year, each alternate week approximately, will be given on tone production, vocal appreciation, interpretation and technique. One hour College credit for year.

SOLFEGGIO CLASSES

These classes will be held once each week in periods of one hour, receiving a credit of one term hour.

Solfeggio 1

Rudiments of Music; including elements properties and departments of music; terms, notations, intervals and scales, elementary singing.

Solfeggio 2

Review of rudiments, scale study in major and minor keys, sight reading in all keys, chromatics.

Selfeggio 3

More advanced sight reading and chorus work, vocal drill, ear training, study of chords, transposition, use of baton in chorus work.

PUBLIC SCHOOL MUSIC

This is a professional course for those who expect to teach music only or to supervise the music work of Grade Teachers in the public schools.

The outline of studies includes a thorough knowledge of the Theory of Music, Voice Training, Piano Harmony, History of Music, Pedagogy, Psychology, Methods, Practice-Teaching, Chorus and Orchestra Work.

All the details of the Graded Course in public school music (as outlined below) must be thoroughly studied, also a special outline of work for High Schools. One year, at least, is required for the completion of this course. Much depends upon the equipment one brings to the work and the interest and regularity with which studies are pursued.

As a prerequisite for this course, students must be able to read and sing ordinary music at sight. They should also have had a complete high school or Academy course.

OUTLINE FOR THE GRADES

First Year—Ear training. All imitation work. Every normal child to master the scale. Devices for helping monotones. Rote songs, cultivation of the rhythmic sense. Individual as well as class-singing required. Eye and ear training, with illustrations of the first rhythmic type and tone-groups or phrases; the phrase becoming the basis of all work.

Second Year—Divided form of the scale tones above and below the keynote. Continuation of Rote songs. Application of words to music in short, simple phrases adapted to child life. Rhythmical breathing exercises. Easiest form of Notation. Written work

to include the staff, clef and the various kinds of notes and rests thus far studied.

Third Year—Period of deduction. Eye and ear training. Study of keys and pitches. (Three keys only—C, F and G). Second rhythmic type—the evenly divided beat. Transposition exercises. Foundation laid for original construction work. Easy chart or book exercises. Fewer Rote songs. Written work to embrace key and time signatures, pitches, time exercises, transposition work. Term examinations.

Fourth Year—Special features are the third rhythmic type—the beat and a half note. Two new keys—D and Bb. The Chromatic tones No. 4, No. 5, No. 2, No. 1 and No. 6. A given phrase, or group of tones, applied to each key thus far studied. Direct application of words to music. Two-part singing. First Music Reader. Original Melodies. Written work includes all the Notation thus far used. Time studies, etc. Term examinations.

Fifth Year—The fourth rhythmic type—the unequally divided beat—the dotted eighth, and sixteenth. Two new keys, A and Eb. Equal practice in the seven keys thus far studied. Advanced two-part singing. First or Second Music Reader. Study of b7, b6, b3, b5, and b2. Preparatory study of the Minor Scale. Unison songs of medium range. Individual duets. Written work to include all the new Notations. Time exercises and original melodies. Examinations.

Sixth Year—The fifth rhythmic type—three equal sounds to a beat, as with the triplet, and compound measures of 6-8, 9-8 and 12-8 Meter. Studies in the Minor keys (three forms). Three-part singing, vocalizing, classification of voices, two new keys, E and Ab. Third Music Reader. Written work similar to previous grades. Term examinations.

Seventh Year—Sixth rhythmic type—four equal sounds to a beat. Third or Fourth Music Reader. The

chromatic scale, applied to every key studied. New keys of B, Db, F and Gb. Classification of voices. Advanced three-part singing. Vocalizing, Chord study. Individual Trios. Written work. Examinations.

Eighth Year—Seventh rhythmic type—syncopation. Two remaining keys, C sharp and Cb. Studies in the Bass Clef. Re-classification of voices for four-part singing. Advanced Music Reader. Individual quartet singing. Written work, to embrace all the problems of Notation, Original work, Music Biography. Examinations.

REGULATIONS

The Music Department reserves the right to ask any student to withdraw who, by reason of deficient musical ability or neglect of duty, fails to make satisfactory progress.

No reduction can be made for absence from lessons. A student may not expect the teacher to make up the work which he is responsible for missing, but if the teacher is responsible for the loss, it will be made up.

All the text books, sheet music and other materials supplied to students are to be paid for when received.

Students are expected to consult the Director before arranging to take part in any public exercises.

The rental of pianos and assignment of practice periods is exclusively in the hands of the Director of the Piano Department. All students in piano or private work in voice, except those who have pianos in their own homes, are expected to take at least one practice period a day at the Music Hall. Students may not use the pianos beyond the specified time for which payment is made (except by special permission) and no use of pianos is allowed on Sundays.

For expenses see topic "Expenses."



NORMAL DEPARTMENT

PROFESSIONAL WORK FOR INDIANA TEACHERS

The school law of the State of Indiana divides teachers into four classes on the basis of experience and training. These classes are known as A, B, C, and D. The qualifications for classes A and B are given below. The Normal Department of Taylor University has been approved by the State Teachers' Training Board.

REQUIREMENTS FOR CLASS A

The law governing the licensing of this class reads: "A teacher without experience shall be a graduate of a high school or its equivalent; shall have had not less than one term of twelve weeks' work in a school maintaining a professional course for the training of teachers; shall have not less than a twelve months' license."

The State Board of Education has authority to interpret this law deciding what is meant by "high school," "equivalent," etc. This board, acting as Teachers' Training Board, has made the following decisions: Before a teacher's license can be granted to a teacher without experience, the candidate must be (1) a graduate of a commissioned high school, a certified high school, a certified academy, or must pass a state examination in high school branches; (2) must have had twelve weeks' training in a normal school, a normal department of a college, or in a standard college which has been accredited by the State Teachers' Training Board.

COURSE OF STUDY FOR CLASS A (TWELVE WEEKS)

a. One period a day in any one of the following subjects: Observation, Educational Psychology, History of Education and Child Study.

b. One period a day must be given to the study from the teacher's point of view of some one of the common school subjects.

c. One period a day must be given to the study from the teacher's point of view of one of the high school subjects.

d. The fourth subject may be elected from b or c.

Provided that students pursuing the course for Class A certificates of training may elect and receive credit for an amount of prevocational work in an approved course or courses not to exceed one-fourth the total amount of work required for class A, but in making such substitution the strictly professional work must not be omitted.

REQUIREMENTS FOR CLASS B

The requirements for Class B include all the requirements of Class A, and in addition the candidate for license must have had at least one year's experience in teaching, and must complete another twelve weeks of teachers' training, making twenty-four weeks in all, of teachers' training work.

COURSE OF STUDY FOR CLASS B (TWELVE WEEKS)

(In addition to Class A)

a. Same as (a) of Class A with no duplication of work.

b. Same as (b) of Class A with no duplication of work

c. Same as (c) of Class A with no duplication of work.

d. Same as (d) of Class A with no duplication of work.

Provided that Class A teachers completing the training course for Class B certificates may elect and receive credit for an amount of prevocational work in an approved course or courses not to exceed one-half the total amount, of work required to complete the training required for Class B certificates but in making such substitution the professional work must not be omitted.

Under the department of Education on page 103 will be found a list of courses from which the work defined in the above requirements must be selected. The work in Psychology will be found under the department of Philosophy. Courses in Methods in High School subjects are also mentioned under the department in which each subject falls.



DESCRIPTION OF COURSES

The following is a description of the various courses offered in all departments. The arrangement is in alphabetical order.

In all of the college laboratory courses three hours of laboratory work are counted as equivalent to one hour of recitation.

The faculty reserves the right to withdraw any elective course for any term, if it is elected by fewer than five students.

AGRICULTURE

1. AGRICULTURE.—Elementary course. Propagation of plants; plant food. The soil; relation to water and air; organic matter. Fertilizers. Farm Crops. Diseases of plants and treatment. Work in laboratory and on farm.

Elective in the Academy. Five hours a week, or equivalent for the year, including laboratory and field work. Credit, 1 unit.

ART

Credit on courses given below is based on work done in class only. Extra credit may be received for work done in preparation outside of class hours.

1. FREEHAND DRAWING.—Medium: pencil, pen and charcoal. Type forms and shapes related to them. Pencil handling in the rendering of trees, flowers and plants. Still life. Outline and Mass drawing, and in values with pencil, pen and charcoal painting.

Elective in the Academy and the College. Two hours a week throughout the year. Credit permitted by the term. Credit, 3 term-hours.

2. COLOR WORK.—Medium: water colors. Practical knowledge of colors. Rendering of flowers and common subjects. Simple landscapes. Still life drawing. Out of door sketching.

Prerequisite: Course I or equivalent.

Elective in the Academy and the College. Two hours a week throughout the year. Credit, 3 term-hours.

3. MECHANICAL DRAWING.—Geometric problems. Working Drawings. Perspective. Architectural Drawing. Basic laws and simple problems.

Elective in the Academy and the College. Two hours a week throughout the year. Credit, 3 term-hours.

Prerequisite: Course I or equivalent.

4. INTERIOR DECORATION.—Drawing of plan for a house. Choice and arrangement of materials for a house and its furnishings. Design: creative and practical work in both color and form. Work from an artistic and economic viewpoint.

Elective in the Academy and the College. Two hours a week throughout the year. Credit, 3 term-hours.

Prerequisite: Course I or equivalent.

5. DESIGN.—Theory of Color and its relation to the Decorative Idea.

THEORY OF DESIGN.—With the principles of Form Applied Design. Dealing with practical problems. In connection with work in Applied Design work is done in Stenciling.

Required in second year of Domestic Economy course. Elective in College. Three hours a week, with prepared work, during the fall term. Credit, 3 term-hours.

Prerequisite: Course I or equivalent.

For private lessons in water colors or oil painting, see teacher.

ASTRONOMY

1. GENERAL ASTRONOMY.—The course comprises a study of solar system, nebulae, stars and constellations. The mathematical calculations are reduced to the minimum.

Recitations two hours a week, or the equivalent in observatory work, for the year. Credit, 6 term-hours.

Prerequisite: Mathematics 6.

BIBLICAL LITERATURE

The object of courses 1, 2 and 3 is to furnish students a rudimentary, and at the same time a comprehensive knowledge of the entire Bible. A survey of its history, a study of its books, their scope, divisions and contents with unity and purpose of the whole, in a way adapted to classes, will constitute the courses.

1. OUTLINES OF BIBLE TRUTH.—Genesis to Job.

Required in the Academy and the English Bible Course. In the Academy this course is taken as a part of the course in English I. One hour a week for the year. Credit, in the English Bible Course, 3 term-hours.

2. OUTLINES OF BIBLE TRUTH.—Job to Malachi.

Required in the Academy and the English Bible Course. In the Academy this course is taken as a part of the course in English II. One hour a week for the year. Credit in the English Bible Course, 3 term-hours.

3. OUTLINES OF BIBLE TRUTH.—The New Testament.

Required in the Academy and the English Bible Course. In the Academy this course is taken as a part of the course in English III. One hour a week for the year. Credit in the English Bible Course, 3 term-hours.

4. THE FOUR GOSPELS.—A study of the four Gospels. Special work in John's Gospel.

Elective in the Academy and required in the English Bible Course. In the Academy this course is taken as a part of the course in English IV. One hour a week for the year. Credit in the English Bible Course, 3 term-hours.

5. OLD TESTAMENT HISTORY.—A survey of the leading events of Hebrew history down to the days of Christ. Relations surrounding the peoples, crises and national character receive adequate consideration.

Required in the English Bible Course; elective in College. Three hours a week for the first half of the year. Credit, 4 term-hours.

6. NEW TESTAMENT HISTORY.—The Life of Christ is studied with a text-book and original examination of the Gospels. The political, social and religious conditions of His nation and times, the final stages of preparation for His work, the successive periods of His ministry and the tragic end, are thoroughly brought out. Text, Stalker.

The life of Paul is then taken up as embodying the history of the Christian Church during the Apostolic Period. His place in history, his unconscious preparation for his work, his conversion, his gospel, his mission, his missionary labors and his writings and character, are the principal topics of this subject. Text, Stalker.

Required in the English Bible Course; elective in College. Three hours a week for the last half of the year. Credit, 5 term-hours.

7. NEW TESTAMENT STUDIES.—These studies will be of the Epistles—such selections being made as may be considered advisable. Analysis and exegesis with tests will characterize the course.

Required in the English Bible Course. Elective in the College. Three hours a week throughout the

year. Credit permitted by the term. Credit, 9 term-hours.

8. OLD TESTAMENT STUDIES.—This course will be occupied with the entire Old Testament, except certain historical books, the course continuing each year from the book last treated. The same methods as for the New Testament studies will be followed.

Required in the English Bible Course; elective in the College. Two hours a week throughout the year. Credit permitted by the term. Credit, 6 term-hours.

9. HERMENEUTICS.—An exhaustive study of the art of interpreting the literature of the Old and New Testaments. The students, while engaged in the mastery of principles, at the same time practice the application of them to numerous passages cited and discussed in the class. An approved text-book will be used.

Elective in the College. Two hours a week for the year. Credit, 6 term-hours.

10. BIBLICAL INTRODUCTION.—The aim of this course is to cover the ground of contention respecting the origin and composition of the books of the Bible, the formation of the Canon, and what ever pertains to a thorough knowledge of the subject. Approved text-books for both Testaments will be used.

Elective in the College. Two recitations a week for the year. Credit, 6 term-hours.

11. DANIEL AND REVELATION.—The aim of this course is to impart a comprehensive knowledge of the eschatological truths contained in the books of Daniel and Revelation. A somewhat detailed exposition of these wonderful Scriptures is given, their dispensational bearing set forth, and their spiritual and practical lessons enforced. The genuineness and authenticity of the books are fully established in connection with the discussion of modern critical views.

Required in the English Bible Course. Two reci-

tations a week during the fall and winter terms. Credit, 4 term-hours.

12. **THE GOSPELS.**—A critical study of the parables and prophetic elements of the Gospels.

Required in the English Bible Course; elective in College Two hours a week for the spring term. Credit, 2 term-hours.

BIOLOGY

The courses are designed to meet the needs of two classes of students: those who desire some knowledge of the biological sciences but do not intend to specialize in science, and those who wish a good foundation for teaching, medicine, or domestic science.

Students who expect to take advanced work in biology should take at least one year in chemistry. Those students who cannot give a full year to botany and zoology should take Biology 2 and 4. Medical students should take as a minimum Biology 2, 3 and 4. They should also include Biology 6, if possible. Not all of the advanced courses, will be offered every year, but are alternated so a student will have an opportunity to take all of the work before completing his course. Three hours of laboratory work are required in College as the equivalent of one recitation.

1. **ELEMENTARY BIOLOGY.**—The aim of this course is to open up to the mind of the beginner in science the interrelation of plants and animals, the physiological principles and their economic relation to man. The course embodies the work usually given as Zoology and Botany in High School Courses. The bacteria, yeasts, and protozoa are discussed in connection with civic biology, which is given considerable attention.

Required for graduation from the Academy. Recitations two hours, laboratory four hours throughout the year. One hour of the laboratory time each week will be given to drawing under the supervision of the teacher of art. Credit, 1 unit.

2. GENERAL ZOOLOGY.—This course is so planned that it serves as a foundation for advanced work in Zoology and also gives a practical acquaintance with the animal world suited to the needs of those who do not expect to specialize in science. The principal facts of structure, development, and classification are given attention. The work begins with the protozoa and most of the time is given to the invertebrates.

Elective for students in the College without previous training in Zoology; recommended to students who have had a High School Zoology or Biology. Required as a foundation for the advanced courses. Recitations and lectures two hours, laboratory six hours for the first half of the year. Credit, 6 term-hours.

3. COMPARATIVE VERTEBRATE ANATOMY.—A study of selected vertebrate types from Amphioxus to the mammals. The form and development of the different system of organs are considered in detail. This course is an excellent preparation for the work in human anatomy or for teaching. The instruction is based on Weidersheim's Comparative Anatomy. This course and Biology 2 make a good year's course in Zoology.

Required of medical students. Elective in the College. Recitations two hours, laboratory six hours for the last half of the year. Credit, 6 term-hours.

Prerequisite: Biology 2, or the equivalent.

4. GENERAL BOTANY.—A study of the biology, morphology, and classification of typical plants selected from the different groups. The lower forms receive attention.

Required in Domestic Economy course. Elective in the College for students without previous training in botany; recommended for those who have had High School botany.

Recitations two hours, laboratory six hours for the fall term. Credit, 4 term-hours.

5. PLANT ANATOMY.—A study of the gross and microscopic structure as an explanation of function. This course with Biology 4 makes a good year's course in botany. Biology 4 and 5 may be given in the reverse order in some years.

Elective in the College. Recitations two hours, laboratory six hours for the last half of the year. Credit, 6 term-hours.

6. GENERAL HISTOLOGY.—A course in histological technic, including the processes of fixing, imbedding, staining, sectioning, and mounting different kinds of tissues. The course also includes an elementary study of the various organ tissues. The slides which are prepared become the property of the student. An excellent course for teachers and medical students.

Elective in the College. Recitation one hour, laboratory nine hours for the fall term. Credit, 4 term-hours.

Prerequisite: At least 7 term-hours in Biology.

7. BIOLOGY AND DISEASE.—This course consists of recitations and lectures on the cause and means of preventing communicable diseases. It aims to give the facts which every person should know concerning consumption, typhoid fever, cholera, diphtheria, yellow fever, and other diseases caused by bacteria or protozoa. It is not technical and no preliminary courses are required.

Elective in the College and fourth year Academy. Two hours a week for the winter term. Credit, 2 term-hours.

8. TEACHER'S COURSE IN HIGH SCHOOL BIOLOGY.—This course treats the subject matter from the standpoint of the teacher. The same as Education 9A.

Elective for teachers in Teacher's Training for Class A and B. Five hours a week in the spring term,

or in other terms when desired by five or more students.

9. BACTERIOLOGY.—A study of bacteria, yeasts, and molds with special application to the problems of the household. The course includes an extended study of the disease-producing organisms.

Required in the Domestic Economy Course. Elective in the College. Recitation three hours, laboratory three hours for the spring term. Credit, 4 term-hours.

CHEMISTRY

The courses in Chemistry are arranged to meet the demands of two classes of students; those desiring some knowledge of the subject as a matter of general culture, and those electing the subject with teaching, medicine, or analytical chemistry in view. However, the aim of the department is not to turn out technical chemists, but to lay a broad foundation for later specialization. Those who expect to specialize in Chemistry are urged to elect English, Mathematics, and German. A year's work in University Physics should be taken by those who elect work in advance of Chemistry 2. Three hours of laboratory work are required as the equivalent of one recitation. Courses 3 and 6 alternate with courses 4 and 5.

1. GENERAL INORGANIC CHEMISTRY.—A general introductory course. It is the prerequisite for all other courses. The first part of the year is devoted to the non-metals and to underlying principles. A study of the metals and elementary qualitative analysis completes the course. Special attention is given to commercial processes and applications.

Required for medical students. Elective for College students. Recitations three hours, laboratory six hours throughout the year. Credit, 15 term-hours.

Prerequisite: Physics 1.

2. **QUALITATIVE ANALYSIS.**—The underlying principle, as electrolytic dissociation, chemical equilibrium, reversible reaction are reviewed, and applied to qualitative analysis. The metals, the acids, ore analysis.

Required of medical students. Elective elsewhere. Recitations one or two hours a week. Laboratory nine or twelve hours a week for the fall term. Credit, 5 term-hours.

Prerequisite: Chemistry 1.

3. **QUANTITATIVE ANALYSIS.**—An Elementary course in gravimetric and volumetric analysis with practice in the simpler separations and handling of precipitates.

Elective for College students. Recitations one or two hours a week. Laboratory nine or twelve hours a week for the spring term. Credit, 5 term-hours.

Prerequisite: Chemistry 2.

4. **ORGANIC CHEMISTRY.**—A study of the compounds of Carbon. Lectures and recitations on the more typical organic compounds and their important derivatives.

Perkin and Kipping's Organic Chemistry. This course will alternate with Chemistry 3 and 6.

Elective in College. Three hours a week for the winter and spring terms. Credit, 6 term-hours.

Prerequisite: Chemistry 2.

5. **ORGANIC PREPARATIONS.**—This course is to be taken with course 4. It consists of the preparation and purification of typical organic compounds from the fatty and aromatic series, illustrating the important reactions, and a careful study of the reactions and compounds.

Gatterman: Preparation of Organic Compounds. This course must be preceded or accompanied by course 4.

Elective in the College. Three or six hours a week for the winter and spring terms. Credit, 2 or 4 term-hours.

6. PRACTICAL AND APPLIED CHEMISTRY.—A practical course in commercial and household chemistry. The detection of impurities in food products, the chemistry of cooking and other problems of interest in daily life make up the work.

Required in Domestic Economy Course. Elective in College. Recitations one or two hours a week. Laboratory nine or twelve hours a week for the winter term. Credit, 5 term-hours.

Prerequisite: Chemistry 2.

7. HISTORY OF CHEMISTRY.—This is a study of the lives of men who have been instrumental in the development of this science. Lectures and recitations with collateral reading.

Elective in the College. Two hours a week for the spring term. Credit, 2 term-hours.

Prerequisite: Chemistry 1.

8. AGRICULTURAL CHEMISTRY.—A series of courses in analysis of soils, fertilizers and farm products. The credit and time to be arranged with the head of the department.

Prerequisite: Chemistry 2 and 3, and for parts of the course Chemistry 4.

DEPARTMENT OF COMMERCE

Applicants for commercial studies must have completed the common branches as covered by the eighth grade, and those who are not enrolled in the Academy or College must take English I, or show credit for its equivalent.

The following courses are offered:

1. PENMANSHIP.—The aim of the course is to

give the student a rapid, legible style, using the arm movement method.

Five recitations a week for the year. Credit, $\frac{1}{2}$ unit.

2. **COMMERCIAL ARITHMETIC.**—This course covers the applications of arithmetic to business life, with particular attention to problems of partnership settlements and corporation accounting.

Given in the fall term. Credit, $\frac{1}{3}$ unit.

3. **COMMERCIAL GEOGRAPHY.**—A study of physical and political influences on the products of man's industry, with attention to raw materials, markets, manufacturing and transportation.

Given in the spring term. Credit, $\frac{1}{3}$ unit.

4. **COMMERCIAL LAW.**—A general study of the common-sense principles of law underlying Contracts, Agency, Partnership, Corporations, common Carriers, Negotiable Instruments, and Bankruptcy. The course is designed to enable the student to transact business with safety and certainty.

Given in the winter term. Credit, $\frac{1}{3}$ unit.

5. **ACCOUNTING.**—A general course in bookkeeping and accounting, covering the use of the cash book, journal, notes receivable and notes payable, book, sales book, invoice book, and ledger. Each student keeps an individual set of books, the business forms and papers for the different transactions being written up by him. The principles of banking, cost accounting, and corporation accounting are learned and applied. Students enrolling for this course must be able to write a neat, legible hand, or must be enrolled for penmanship.

Five hours a week for the year. Credit, 1 unit.

6. **TYPEWRITING.**—The touch, or piano method of instruction is used. The school has a new equipment of Underwood and Remington typewriters and a

Writerpress. The aim of the course is to develop accuracy and speed by a carefully graded series of lessons including business forms, such as legal papers, specifications, and rough drafts. The speed requirement for a passing grade is 45 words per minute.

Five hours a week for the year, besides practice periods. Credit, 1 unit.

7. STENOGRAPHY.—The Gregg system is taught. The course in theory and principles is followed by a graded course in dictation and transcription covering the following lines of business: Law, Finance, Publishing, Hardware, Automobile, Lumber, Railroads, Steel and Iron, Machinery and Paper and Printing. A speed of 100 words per minute is required for a passing grade. Five hours a week for the year, Credit, 1 unit.

8. SALESMANSHIP AND ADVERTISING.—A study of the underlying principles of merchandising. Sales analyses and selling talks on different articles of merchandise are prepared, and advertisements are studied from the standpoints of display, subject matter and media for circulation.

Given in the spring term. Credit, $\frac{1}{3}$ unit.

DOMESTIC ECONOMY

1 SEWING.—A full course in hand sewing, consisting of basting hemming, gathering, patching, darning, button-hole practice, machine practice, care of machine, drafting of patterns, cutting, fitting and making undergarments. Each student is required to make a complete set of underwear, a shirtwaist, an unlined dress, a wool dress, a plain fancy dress.

Three two-hour periods a week, fall and winter terms. Credit, 6 term-hours.

2. DRESSMAKING.—In making all garments the principles of sewing as learned in hand work are here applied, as basting, fitting, use of different seams,

laying patterns on materials, selection of materials as to quality, price, etc.

Three two-hour periods a week, spring term.
Credit, 3 term-hours.

Prerequisite: Domestic Economy 1.

3. **ADVANCED DRESSMAKING.**—Includes a study of the principle of costume design, color, line, originality, personality, suitability, simplicity in costume. Also selection of materials, drafting, use of commercial patterns, comparison of home and shop-made garments and various finishes.

Five two-hour periods a week, spring term.
Credit, 5 term-hours.

Prerequisite: Domestic Economy 2.

4. **ART NEEDLEWORK.**—Designs suited to various lines of needlework, crocheting, knitting, cross stitch, tatting, Swedish darning, hemstitching, French work, scallops, dots, eyelets, initials, tapestry, etc.

Three two-hour periods a week, fall term. Credit, 3 term-hours.

5. **ELEMENTARY COOKING.**—Planned to meet the needs of such students as expect to become teachers or housekeepers. The student is trained, not only to get good results, but also to think with a view of presenting the work to others. Foods are tested and studied to learn the effect of heat and moisture upon them, and the principles of cookery thus evolved are applied in the preparations of the simple foods and combination of foods. A thorough understanding of theory is supplemented by practical work. Cost of foods is studied in relation to the income of the home and the cost of each article of diet is worked out to serve as a basis of comparison. The serving of meals is also included in this course. Lectures, recitations, laboratory work.

Two two-hour periods a week, for the year.
Credit, 6 term-hours.

6. **ADVANCED COOKING.**—Food preservation, food preparation, invalid cookery, marketing, table science, cooking and serving meals, demonstration work, etc. Also quantity cooking, which gives each girl practice in preparing dishes in large quantities, the same to be utilized by the school. This gives a foresight into lunch room management and cafeteria work. Lectures, recitations, laboratory work.

Two two-hour periods a week for the year. Credit, 6 term-hours.

Prerequisite: Domestic Economy 5.

7. **HOME NURSING.**—Review of Physiology, emergencies, i. e., burns, sprains, cuts, dislocations, faintings, drowning, etc., care of the sick in the home, proper clothing, baths, food, beds and bed-making, bandaging, etc. Lectures, recitations, practical work.

Two two-hour periods a week, fall term. Credit, 2 term-hours.

8. **TEXTILES.**—Production, properties, preparation and treatment of fibers used in textile manufacture. Development of spinning and weaving, dyeing, laundering, making clothing budgets, care of clothing, Consumers' League. Lectures, recitations, laboratory work.

Two two-hour periods a week, winter term. Credit, 2 term-hours.

9. **FOODS AND DIETETICS.**—A critical study of food materials from a chemical, physiological and economic standpoint. Fundamental principles of human nutrition and their application to the feeding of individuals, families, etc., are considered, including the making of dietaries. Lectures, recitations, and written work.

Two two-hour periods a week, fall term. Credit, 2 term-hours.

Prerequisite: Domestic Economy, 5 and 6.

10. **FOOD AND DIETETICS.**—Application of course 9 to actual problems—making menus, marketing, preparation and serving meals, working out dietaries. Lectures, recitations, written work.

Two two-hour periods a week, winter term. Credit, 2 term-hours.

Prerequisite: Domestic Economy 9.

11. **HOUSEHOLD ADMINISTRATION.**—Organization and administration of the household; division of the income under varying conditions, household accounts, economic buying, domestic service, care of the house, laundry work, cleaning processes, construction of the house.

Two two-hour periods a week, winter and spring terms. Credit, 4 term-hours.

12. **TEACHING OF DOMESTIC ECONOMY.**—Application of general principles of teaching of various branches of Domestic Economy in the grades and high schools. Planning courses of study for grades and high schools. Practice teaching.

Two two-hour periods a week, winter and spring terms. Credit, 4 term-hours.

13. **MILLINERY.**—Develops original and artistic ideas. Includes making of wire frames and covering them with straw, lace, buckram; individual ideas in trimming, etc. Lectures, laboratory work.

Six hours a week, spring term. Credit, 2 term-hours.

EDUCATION

1. **HISTORY OF EDUCATION.**—An elementary course, covering the history of educational thought and systems from the earliest times. Brief study of the great educational reformers who have influenced modern pedagogy. as Comenius, Froebel, Pestalozzi, Rousseau and Herbart.

Elective for college students, or special students who desire preparation for teaching. With Course 2, forms a daily course for teachers pursuing courses under Class A and B in the normal department. Three hours a week during the spring term. Credit, 3 term-hours.

Prerequisite: A course in Elementary Psychology or Educational Psychology is advised.

2. EDUCATIONAL CLASSICS.—A historical and critical study of the educational writings of some of the following: Froebel, Rousseau, Pestalozzi, Herbart and Spencer. The writings selected for each year will be determined by the judgement of the teacher.

Elective for College students and open to special students taking teachers' training under Classes A and B. For teachers' training course, should be taken with Course 1 to make five hours. Two hours a week during the spring term. Credit, 2 term-hours.

Prerequisite: Education 1, or must be taken at the same time.

3. PEDAGOGY.—An elementary course in general pedagogy by text-book and lectures.

Elective. Two hours a week for the winter term. Credit, 2 term-hours.

Prerequisite: Philosophy 1 or 6 advised.

4. SCHOOL MANAGEMENT.—Study of the school as an organism. Discussions of various problems of the schoolroom, such as class organization and seating, discipline, etc. Text and lectures.

Elective for College students. Three hours a week during the winter term. Credit, 2 term-hours.

5. GENERAL METHOD.—General principles underlying the recitation.

Elective for College students. Three hours a week during the winter term. Credit, 3 term-hours.

6. PHILOSOPHY OF EDUCATION.—A philosophical study of the principles of education and a critical treatment of historical systems.

Elective for College juniors and seniors. Two hours a week during the winter and spring terms. Credit, 4 term-hours.

Prerequisite: Education 1 and 3, or equivalent.

7. EDUCATIONAL PSYCHOLOGY.—A study of the laws of mental development, especially in relation to the subjects of instruction, and in relation to moral training and to discipline. Educational values.

Elective. Five hours a week during the fall term. Credit, 5 term-hours.

8. METHODS IN COMMON SCHOOL SUBJECTS.

A. Teachers' course in Arithmetic.

B. Teachers' course in United States History.

C. Teacher's course in Geography.

D. Teachers' course in Grammar.

One of these courses required of teachers working on Class A or Class B requirements. Elective for College credit. Five hours a week during the spring term, or in other terms when desired by five or more students. Credit on College course 3 term-hours; on Normal course. 5 term-hours.

9. METHODS IN HIGH SCHOOL SUBJECTS.

A. Teachers' course in High School Biology. (See department of Biology, Course 8.)

B. Teachers' course in High School English. (See department of English, Course 19.)

C. Teachers' course in High School History. (See department of History, Course 15.)

D. Teachers' course in High School Ger-

man. (See department of German, Course 9.)

One of these courses required of teachers working on Class A or Class B requirements. Elective for College credit. Four hours a week during the spring term or in other terms when desired by five or more students. Credit, 4 term-hours; 5 term-hours on Normal course.

10. OBSERVATION.—Teaching will be observed in the Public Schools of Upland and nearby cities, as well as in the Academy and Pre-Academic classes of this institution.

ENGLISH LANGUAGE AND LITERATURE

1. FIRST YEAR ACADEMY ENGLISH.—Classic studied: Longfellow's *Tales of a Wayside Inn*, Stevenson's *Treasure Island*, Dicken's *Christmas Carol*, Scott's *Marmion*, Burrough's *Birds and Bees*, Parkman's *Oregon Trail*.

Supplementary reading: Six books during the year, to be selected from list prescribed by State requirements.

Composition: Oral and written. Based on Lewis and Hosié's *Practical English for High Schools*—Chapters I, III, IV, V, VI, VII, X.

One day each week is devoted to the study of the English Bible. For this work Course 1 under Biblical Literature is used, and the work is considered part of the unit of English for Academy students.

Required in the first year of the Academy and of the English Bible Course. Including the Bible five recitations a week throughout the year. Credit in Academy, 1 unit; in English Bible Course, 15 term-hours.

2. SECOND YEAR ACADEMY ENGLISH.—Classics studied: Homer's *Odyssey*, Macaulay's *Lays of Ancient Rome*, Shakespeare's *As You Like It*, Scott's

Ivanhoe, Hawthorne's Twice Told Tales, Eliot's Silas Marner.

Supplementary reading: Six books during the year, to be selected from list prepared by State requirements.

Composition: Oral and written. Based on Lewis and Hosis's Practical English for High Schools—Chapter II, V, VI, VIII, IX, XII, XIII, with review.

One day each week is devoted to the study of the English Bible. For this work Course 2 under Biblical Literature is used and the work is considered part of the unit in English for Academy students.

Required in the second year of the Academy and of the English Bible Course. Including the Bible Course, five recitations a week throughout the year. Credit in Academy, 1 unit; in English Bible Course, 15 term-hours.

3. THIRD YEAR ACADEMY ENGLISH.—*Classics* studied: Heydrick's Types of the Short Story, Irving's Sketch Book, Burns Cotter's Saturday Night, Goldsmith's The Deserted Village, Dicken's A Tale of Two Cities, Tennyson's Idylls of the King.

Supplementary reading: Six books during the year, to be selected from list prescribed by State requirements.

Composition: Oral and written. Based on Lewis and Hosis's Practical English for High Schools—Chapters VIII and XIII, with review. Palmer's Self Cultivation in English is used as a model for organization of themes.

English literature: a study of the history as a back-ground by reading.

One day each week is devoted to the study of the English Bible. For this work Course 3 under Biblical Literature is used and the work is considered a part of the unit in English and Academy students.

Required in the third year of the Academy and in

the English Bible Course. Including the Bible, five recitations a week throughout the year. Credit in Academy, 1 unit; in English Bible Course, 15 term-hours.

4. **FOURTH YEAR ACADEMY ENGLISH.**—Classics studied: Franklin's Autobiography, Emerson's Essays on Compensation and Self Reliance, Lincoln's Speeches and Addresses, Shakespeare's Macbeth, Lowell's The Present Crisis, Gauss's Democracy Today.

Supplementary reading: Six books during the year, to be selected from list prescribed by State requirements.

Composition: Oral and written. Lewis and Hosié's Practical English for High Schools reviewed.

American literature: a study of the history as a back-ground for reading.

One day each week is given to the English Bible, Course 4 under Biblical-Literature is used and is considered a part of this unit in English for Academy students.

Elective in the fourth year of the Academy and in the English Bible Course. Including the Bible, five recitations a week throughout the year. Credit in the Academy, 1 unit; in the English Bible Course, 15 term-hours.

5. **AMERICAN LITERATURE.**—This course will trace the periods of literary development in America, with a study of the lives of the chief writers and readings from their works.

Elective in the College. Two recitations a week throughout the year. Credit, 6 term-hours.

Prerequisite: Academy English.

6. **COLLEGE RHETORIC.**—The text is Linn's Essentials and Illustrative Examples, and the work includes the constant writing of themes and essays.

Required for graduation from College. Three recitations a week for the fall and winter terms. Credit, 6 term-hours.

Prerequisite: Academy English.

7. ARGUMENTATION.—The work comprises the study of a text and practice in debating and argumentative composition.

Required for graduation from College. Three recitations a week for the spring term. Credit, 3 term-hours.

Prerequisite: English 6.

8. POETICS.—A study of the subject matter, forms, and meters of poetry, based on Gummere's Hand-book of Poetics. Should be taken as an introduction to the courses in Poetry, English 10 and English 11.

Elective. Two recitations a week for the fall term. Offered 1919-20. Credit, 2 term-hours.

Prerequisite: English 6.

9. SHAKESPEARE.—A careful study of at least five of Shakespeare's plays not previously studied by the class.

Elective. Three recitations a week for the winter term. Credit, 3 term-hours.

Prerequisite: English 6.

10. ENGLISH POETRY.—Especially Byron, Shelley, Keats and Tennyson.

Elective. Two recitations a week for the winter term. Credit, 2 term-hours. Offered 1919-20.

Prerequisite: English 6.

11. BROWNING.—A study of the poetry of Robert Browning.

Elective. Two recitations a week for the spring

term. Credit, 2 term-hours. Offered 1919-20.

Prerequisite: English 6.

12. ADVANCED COMPOSITION.—An advanced course in English Composition.

Elective. Two recitations a week. Offered at least two terms each year. Credit permitted by the term. Can be taken as a one-hour course.

14. THE RISE OF THE DRAMA.—The work will include the reading of dramas of various periods, with the study of the development of the drama.

Elective. Should be taken as introduction to English 9. Three recitations a week for the fall term. Credit, 3 term-hours.

Prerequisite: English 6.

15. EIGHTEENTH CENTURY LITERATURE.—The work will include the reading of biographs of representative authors of the period, and study of their works.

Elective. Advised for Sophomores. Three recitations a week for the winter term. Credit, 3 term-hours.

Prerequisite: English 6.

16. THE RISE OF THE NOVEL.—A study of the development of the novel, with the reading of novels of various periods.

Elective. Three recitations a week for the spring term. Credit, 3 term-hours.

Prerequisite: English 6.

17. NINETEENTH CENTURY LITERATURE.—The work will include the reading of biographies and of works of authors of the nineteenth century.

Elective. Advised for Sophomores. Three recitations a week for the spring term. Credit, 3 term-hours.

Prerequisite: English 15.

18. **EARLY ENGLISH LITERATURE.**—Study of the development of the Epic, and reading of early Middle English poetry, Chaucer and Spenser.

Elective. Advised for Sophomores. Three recitations a week for the fall term. Credit, 3 term-hours.

Prerequisite: English 6.

19. **TEACHERS' COURSE IN ENGLISH GRAMMAR.**—English Grammar from the teacher's point of view, with methods of teaching grammar.

Elective. Two recitations a week for the spring term.

Credit, 2 term-hours for College students. Normal students desiring work in classes A and B, teachers' training, combine this course with Education 9B-2 hours.

EXPRESSION

It is the purpose of this department to teach Expression or Oratory as an art based upon the laws of nature; and to give students thorough and systematic training in the principals of expression.

Work in this department is of practical value to public readers, clergymen, lawyers, lecturers and teachers.

In all the courses the students are required to express themselves in many ways (included under Platform work) to interpret the best literature to converse, to tell stories, to read aloud, to give monologues, to abridge the ablest masterpieces of fiction, and to give dramatic impersonations.

During the first two years special attention is given to oral composition. Technical exercises for removing faults and training voice and body continue through the entire course.

For the work in this department, required in the English Bible Course, the teacher will decide what

courses will best meet the needs of each pupil. If course 1a is taken it will count as three term-hours both in credit and expense.

1a. **ELEMENTARY EXPRESSION.**—This course is offered to meet the needs of students of Academy grade. A text-book is used, supplemented by lectures on reading. Students will read selections from the simpler classics, the Bible stories and hymns. One class hour each week will be devoted to Platform work which consists of something memorized.

Elective in the Academy. Not required for graduation from the School of Expression. Five recitations a week throughout the year. Credit, 1 unit.

1b. **ELEMENTAL EXPRESSION.**—The fundamental tone modulations. Art of thinking, and responsiveness of body and voice to thinking and feeling are presented.

Required in the School of Expression. Elective in the College. Three hours a week for the year. Credit, 9 term-hours.

2. **EXPRESSION OF CLASSICS.**—This year is a continuation of the preceding year and introduces study and rendering of selections from the classics.

Required in the School of Expression. Elective in College. Three hours a week for the year. Credit, 9 term-hours.

Prerequisite: Expression 1.

3. **DRAMATIC EXPRESSION.**—In addition to training of voice and body attention is given to development of the imagination as an aid to interpreting Shakespeare and other classical writing.

Required in the School of Expression. Three hours a week for the year. Credit, 9 term-hours.

Prerequisite: Expression 2.

4. **ARTISTIC EXPRESSION.**—In this year the stu-

dent reads several of Browning's monologues and plays of Shakespeare and receives instruction in Bible reading. If he receives a diploma he must give a public recital.

Required in the School of Expression. Three hours a week for the year. Credit, 9 term-hours.

Prerequisite: Expression 3.

5 PULPIT ORATORY.—This work will consist of rendering short sermons for criticism, Bible reading, hymn reading, and practical work appropriate to each students' needs.

One hour a week. Credit, 3 term-hours.

Prerequisite: Expression 1.

FRENCH

1. BEGINNING FRENCH.—As grammar is the foundation of any language, the aim of the first year's teaching is to give to the pupil a clear understanding of the grammatical relations of the language. Fraser and Squair's "French Grammar" is used as a text with special drills in dictation, composition, and conversation work. Verbs of regular conjugations are mastered and the work on the irregular verbs begins. The work in the grammar is supplemented by the reading of such books as: Brunno's "LeTour de la France"; Halevy's "L' Abbe Constantin"; Maupassant's "Contes Choisis".

Elective for students in the College and in the third and fourth years of the Academy. Five recitations a week for the year. Credit, in the College, 12 term-hours; in the Academy, 1 unit.

2. SECOND YEAR FRENCH.—Advanced work in grammar, composition, and conversation. Special drill on irregular verbs, France's "Le Livre de Mon Ami"; Huga's "La Chute"; Bornier's "La Fille de Roland"; Balzac's "Le Cure de Tours"; Malot's "Sans Famille"; Augier and Sandeu's "Le Gendre de M. Poirier."

Elective. Five recitations a week for the entire year. Credit in the College, 12 term-hours; in the Academy, 1 unit.

3. **THIRD YEAR FRENCH.**—Study of Classics and French Literature. Emphasis placed on conversation.

Elective in the College. Three recitations a week for the year. Credit, 9 term-hours.

GEOLOGY

1. **PHYSICAL GEOGRAPHY.**—The aim of this course is to give the student a better understanding of the forces which have given the earth its form and which are still active in giving detail and variety to its surface. The water, land, and air are all studied in their relation to the processes of erosion and rebuilding. A study of weather maps is made and students learn to interpret and draw them. Other experiments and field trips help to make the course practical. The location of the University upon a prominent moraine makes it an ideal place for such a course.

Elective for Academy students. Four hours a week or equivalent in laboratory or field trips for the first half of the year. Credit, $\frac{1}{3}$ unit.

2. **GENERAL GEOLOGY.**—A course in dynamical, structural, and historical geology. Some of the recitations will be replaced by field trips or laboratory work.

Elective in the College. Three hours a week throughout the year. Credit, 9 term-hours.

Prerequisite: Physics 1 and Chemistry 1.

GERMAN

1. **BEGINNING GERMAN.**—The work comprises drill upon connected pronunciation and upon the rudiments of grammar; conversation and training of the ear as well as of the eye. German is used in much

of the class-room instruction. Texts fall term, Ham and Leonard, "Brief German Grammar" and Guerber's "Marchen and Erzählungen"; winter term, Storm's "Immensee"; spring term, Baumbach's "Im Zwielicht," or an equivalent.

Elective for students in the College and in the third and fourth years of the Academy. Five recitations a week throughout the year. Credit, 12 term-hours, if taken by College students. If elected in the Academy, credit, 1 unit.

2. SECOND YEAR GERMAN.—Thomas's "German Grammar"; Hillern's "Hoher als die Kirche," and Heyse's "Niels mit der offenen Hand" or equivalents; Wilhelmi: "Einer muss Heiraten"; Seidel: Leberecht Huehnchen; Schiller's "Wilhelm Tell"; constant practice in speaking and writing German.

Elective. Five recitations a week for the year. Credit, 12 term-hours, if taken by College students. If elected in the Academy, credit, 1 unit.

3a. GERMAN COMEDY.—Lessing's Mina von Barnhelm, or Freitag's Die Journalisten; essays and conversation.

Elective. Three recitations a week for the fall term. Credit, 3 term-hours.

Prerequisite: German 2.

3b. GERMAN CLASSICS.—Goethe's "Hermann und Dorothea," or "Iphigenie"; essays and conversation.

Elective. Three recitations a week for the winter term. Credit, 3 term-hours.

Prerequisite: German 2.

3c. MODERN GERMAN PROSE.—Sudermann: Frau-Sorge; essays and conversation.

Elective. Three recitations a week for the spring term. Credit, 3 term-hours.

Prerequisite: German 2.

GREEK

The courses in the New Testament may be taken up and after the completion of the second year's work. Courses 5 and 6 and 11 and 12 will be given in alternate years.

1. BEGINNING GREEK.—With White's Beginner's Greek Book as a text the student is given a good training in the fundamental principles of the language. The rules of syntax are emphasized Xenophon's Anabasis Book I. Elementary Prose Composition, one period a week throughout the term.

Elective. Five hours a week for the year. Credit, 12 term-hours if taken by College student. If elected in the Academy, credit, 1 unit.

Prerequisite: Latin 1.

2. XENOPHON AND PROSE.—Anabasis. Books, 2, 3 and 4, selections from the Iliad of Homer. Elementary Prose Composition, with grammatical review, one period a week throughout the fall and winter terms.

Elective. Five hours a week for the year. Credit, 12 term-hours, if taken by College students. In the Academy, 1 unit.

Prerequisite: Greek 1.

3. POETRY.—Selections from the Iliad and Odyssey of Homer. Studies and papers on the legends and literature of Greece.

Three hours a week for the year. Credit permitted by the term. Credit, 9 term hours.

Prerequisite: Greek 2.

4. HISTORY AND DRAMA.—Plato: Apology and Crito. Papers on the origin, development, and influence of the drama. Selections from Herodotus. Alcestis of Euripides. Research work in History of the period.

Two hours a week for the year. Credit permitted by the term. Credit, 6 term-hours.

Prerequisite: Greek 2.

5. ORATORY AND COMEDY.—Demosthenes: On the Crown of Phillipics. Aristophanes: Frogs or Clouds.

Four hours a week for the year. Credit permitted by the term. Credit 12 term-hours.

Prerequisite: Greek 3 or 4.

6. ADVANCED PROSE AND DRAMA.—Thucydides and History of the period. Papers required. Æschylus: Prometheus Bound. Spring term. Sophocles: Antigone or an equivalent.

Four hours a week for the year. Credit permitted by the term. Credit, 12 term-hours.

Prerequisite: Greek 3 or 4.

7. ADVANCED PROSE COMPOSITION.—This course may be taken in connection with Greek 5 or 6.

One hour a week for the year. Credit permitted by the term. Credit, 3 term-hours.

Prerequisite: Greek 4 or equivalent.

8. NEW TESTAMENT GREEK AND EXEGESIS.—This course is occupied with the Gospels and the Apocalypse, the peculiarities of the text studied receiving careful attention. A study of the vocabulary and syntax Biblical Greek is made throughout the course.

Elective. Three hours a week throughout the year. Credit permitted by the term. Credit, 9 term-hours.

Prerequisite: Greek 2.

9. NEW TESTAMENT GREEK AND EXEGESIS.—The chief Doctrinal and Practical Epistles compose this

course the writings being expounded in the light of grammatical and textual criticism.

Elective. Three hours a week throughout the year. Credit permitted by the term. Credit, 9 term-hours.

Prerequisite: Greek 2.

10. LIFE AND LANGUAGE OF THE GREEKS.

Elective. One hour a week for the year. Credit permitted by the term. Credit, 3 term-hours.

Prerequisite: Greek 2.

11. GREEK ARCHEOLOGY.

Elective. One hour a week for the year.

Credit permitted by the term. Credit, 3 term-hours.

HISTORY AND POLITICAL SCIENCE

1. **EARLY EUROPEAN HISTORY.**—After a brief survey of the Prehistoric Times and Classical antiquity in which the Oriental, Graeco-Roman and Teutonic elements are included, the growth of Europe through the Middle Ages is studied.

Elective in the Academy. Four hours a week through the year.

2. **HISTORY OF MODERN EUROPE.**—A background is formed for a study of the French Revolution which is then viewed as a Social upheaval. The growth of National unity and the spread of Democracy are characterized as leading movements of the Nineteenth century. Emphasis is placed up the Social, Industrial, and Economic changes.

Elective in the Academy. Four hours a week through the year.

3. **AMERICAN HISTORY.**—The work is organized about the fundamental ideas and movements which enter into the making of the nation of today. The student reviews the periods of discovery and colonization with a view of placing later emphasis upon the

three great periods of American History—the Formation of the Union, the Testing of the Union, and Reorganization and Expansion.

Elective in the Academy. Four hours a week for the first half year.

4. CIVICS.—The subject is to make good citizens in the broadest sense. The inculcation of the moral impulse to good citizenship and the establishment of standards of actions in all relations are the ends sought. The student studies the processes and functions of government as a matter of growth.

Elective in the Academy. Four hours a week for the second half year.

5. ENGLISH HISTORY.—A study of the entire course of English History from the beginning to the present giving attention to the development of England as a constitutional state with some emphasis upon English influence in the political development of other states.

Elective in the College. Two hours a week during the year. Credit, 6 term-hours.

6. GREEK AND ROMAN HISTORY.—The first half year is devoted to the study of Ancient Greece; the second, Ancient Rome. Attention is given to the institutions and civilization of the ancient peoples and their influence upon later civilization.

Required in the College of all who have not offered Ancient History for entrance. Three hours during the year. Credit, 9 term-hours.

7. INTERNATIONAL LAW.—The purpose of this course is to give the student an understanding of the principles governing the relations of enlightened nations. A study is made of the origin and development of the law of nations; relations of states in peace and in war; laws of neutrality; settlement of international disputes; and the development of inter-

nationalism. Some time is devoted to the history of the foreign relations of the United States.

Elective in the College. Two hours a week for the year. Credit, 6 term-hours.

8. THE REFORMATION.—A survey is made of the Renaissance after which consideration is given to the causes which weakened the Old Church and prepared the way for a revolt; the Protestant Revolution; and the Counter Reformation.

Elective in the College. Three hours for the spring term. Credit, 3 term-hours.

9. AMERICAN NATIONALITY.—The object in this course is to give the student a thorough understanding of the Foundations and Development of the American Nation. Emphasis is placed upon Political, Social, and Economic life. Special attention is given to Sectional Forces, Problems of the Civil War Period, and Recent Problems of Domestic and Foreign Policy.

Required in the College of all who have not offered American History for entrance. Three hours during the year. Credit, 9 term-hours.

10. MEDIEVAL AND EARLY MODERN HISTORY.—The subject matter studied covers the history of Europe from the break-up of the Roman Empire to the eve of the French Revolution. Emphasis is placed upon the life of the times and the conditions out of which Feudalism, the Papacy, and the Crusades grew. Considerable attention is given to the Institutions of the Medieval Period.

Required in the College of all who have not offered Medieval and Modern History for entrance. Three hours during the year. Credit, 9 term-hours.

12. THE FRENCH REVOLUTION AND THE NINETEENTH CENTURY.—The important periods and movements in Modern Europe, including the causes and effects of the French Revolution, the Napoleonic era,

and the rise and growth of Democracy and Nationality are studied.

Elective in the College. Three hours for the fall and winter terms. Credit, 6 term-hours.

14. CURRENT HISTORY.—A study and discussion of Current Events with an interpretation in the light of the past. The aim is the arousing of interest in public and political questions.

Elective in College. One hour a week during the year. Credit, permitted by the term. Credit, 3 term-hours.

15. HISTORY OF THE CHURCH FROM NEW TESTAMENT TIMES TO THE EVE OF THE PROTESTANT REFORMATION.—A study of the Early Christian Church in its origin, extension, and institutions; the Medieval Church including the Roman Papacy and the preparations for the Reformation.

Elective in the College. Three hours a week through the year. Credit, 9 term-hours.

16. HISTORY OF THE MODERN CHURCH FROM THE REFORMATION TO THE PRESENT.—A continuation of course 15 but may be elected separately. The history of modern denominations is included in this course.

Elective in the College. Three hours a week through the year. Credit, 9 term-hours.

LATIN

1. BEGINNING LATIN.—First, the fundamental relationship of the Latin to the English language is taught continually while the elementary principles of Latin are studied throughout the year. Especial emphasis is laid up the mastery of the declensions, the conjugations and the syntactical uses of the Subjunctive Mood, and Indirect Discourse. Simple selections in Latin will be read with a view to preparing the student for Ceasar.

Advised for Academy students. Five recitations a week for the year. Credit, 1 unit.

2. CÆSAR AND PROSE.—Caesar's Commentaries on the Gallic War, Books I-IV. Studies from the Latin Grammar and Prose Composition are supplementary to the translation.

Advised for Academy students. Four recitations a week for the year. Credit, 1 unit.

Prerequisite: Latin 1.

3. CICERO'S ORATIONS AND PROSE.—Six Orations of Cicero, including the four Cataline Orations, Pro Archia, and one other. Prose Composition is also continued. Attention is given to the study of Roman public and private life, and Roman methods and attainments in education and law.

Elective in the Academy and the College. Four recitations a week for the year. Credit permitted by the term. Credit, in the Academy, 12 term-hours; in the College, 9 term-hours.

Prerequisite: Latin 2.

4. VIRGIL'S ÆNEID.—Books I-VI. This year's work includes also a study of various Figures of Speech, Metrical Reading, Mythology and Literary Merit of the poem.

Elective in the Academy and the College. Four recitations week for the year. Credit permitted by the term. Credit in the Academy, 12 term-hours; in the College, 9 term-hours.

Prerequisite: Latin 2.

5. CICERO'S ESSAYS.—Philosophy: De Senectute and De Amicitia.

Elective in the College. Four hours a week for the fall term. Credit, 4 term-hours.

Prerequisite: Three years of Latin.

6. PROSE COMPOSITION.—Latin Prose Composition based upon the text of Cicero's Essays. This is

a comprehensive study of classical Latin Grammar and is most beneficial in giving a student a clear understanding of Latin Syntax and Style. Especially necessary for those preparing to teach Latin.

Elective in the College. Four recitations a week for the winter term. Credit, 4 term-hours.

Prerequisite: Latin 5.

7. TACITUS. *Germania and Agricola; Essay, Biography and History.*

Elective in the College. Four recitations a week for the spring term. Credit, 4 term-hours.

Prerequisite: Latin 4.

8. HORACE.—Odes and Epodes: A study of Roman poetry of the classical age of Literature.

Elective in the College. Four recitations a week for the fall term. Credit, 4 term-hours.

Prerequisite: Latin 4.

9. LIVY.—Selections from Books, I, XXI, XXII: *History.*

Elective in the College. Four recitations a week for the winter term. Credit, 4 term-hours.

Prerequisite: Latin 4.

10.—PLINY.—Pliny's Letters.

Elective in the College. Four recitations a week for the spring term. Credit, 4 term-hours.

Prerequisite: Latin 4.

11. THE PRIVATE LIFE OF THE ROMANS.—This course is especially intended for High School and College students who desire a thorough account of Roman customs and life in the later Republic and earlier Empire, in order that they may better understand the countless references to them in the Latin texts which they read in the class-room.

Elective in Academy or College. Two hours a week for one term. Credit, 2 term-hours.

Prerequisite: Roman History and two years' study of Latin.

12. TYPICAL LATIN LITERATURE.—Selections from the following: Plautus, Terence, Ovid, Juvenal, Martial, Petronius, and Cicero.

Elective in the College. Two recitations a week for one, two or three terms. Credit, 2, 4, or 6 term-hours.

Prerequisite: Two years College Latin.

13. ADVANCED PROSE.—A special course in Classical Latin Grammar required of all majoring in Latin, or expecting to teach Latin.

Elective in College or Normal courses. Three recitations a week for one term. Credit, 3 term-hours.

Prerequisite: Five year's study of Latin.

MATHEMATICS

1. ALGEBRA.—This course covers the elementary principles of Algebra, including addition, subtraction, multiplication, division, factoring, highest common factor, lowest common multiple, fractions, simple equations, simultaneous equations, involution, evolution, theory of exponents, radicals, and quadrate equations.

Required of all Academy students. Credit, 1 unit.

2. PLANE GEOMETRY.—A study of plane figures including triangle, various forms of the quadrilateral, similar polygons, equivalent surfaces, regular polygons, circles, maxima and minima of plane figures, and many original exercises.

Required in the Academy. Four hours a week throughout the year. Credit, 1 unit.

Prerequisite: Mathematics 1.

3. ALGEBRA.—Rapid review of quadratic equa-

tions. Advanced work covering the theory of quadratic equations, ratio and proportion, variation, progressions, the binominal theorem and logarithms.

Elective in the Academy. Four hours a week the last half of the year. Credit, $\frac{1}{2}$ unit.

Prerequisite: Mathematics 1.

4. SOLID GEOMETRY.—Relations of lines and planes in space, diedral angles, polyhedrons, cylinders, cones, and spheres, with many original exercises.

Elective in the Academy and College. Four hours a week for the first half of the year. Credit, $\frac{1}{2}$ unit in the Academy; four term-hours in the College.

Prerequisite: Mathematics 1 and 2.

5. ADVANCED COLLEGE ALGEBRA.—A brief review of equations under quadratic form, complex numbers, proportion, variation, inequality, series, graphic representation of equations, permutations, combinations, binomial theorem, limits, undetermined coefficients, partial fractions, continued fractions, logarithms, theory of equation, divergency and convergency of series.

Elective in the College. Five hours a week during the fall term. Credit, 5 term-hours.

Prerequisite: Mathematics 2 and 3.

6. PLANE TRIGONOMETRY.—Functions of angles; development of formulas; the transformation of trigonometric expressions by means of the formulas; theory and use of logarithms; solution of right and oblique triangles, with practical application.

Required of College students majoring in major departments 6, 7, and 8; elective for other College students. Five hours a week for the winter term. Credit, 5 term-hours.

Prerequisite: Mathematics 2 and 3.

7. SPHERICAL TRIGONOMETRY.—Solution of the right and oblique spherical triangle. Practical applications to Navigation and Astronomy. This course should be pursued by all who expect to take Astronomy.

Required of students majoring in major departments 6; elective for other College students. Two hours a week for the spring term. Credit, 2 term-hours.

Prerequisite: Mathematics 6.

8. SURVEYING.—Theory and practice in elementary surveying. Field work in land surveying, profile and topographical leveling. Triangulation in both horizontal and vertical planes.

Required of students majoring in major department 6. Three hours a week during the spring term. Credit, 3 term-hours.

Prerequisite: Mathematics 6.

9. ANALYTICAL GEOMETRY.—Plane and solid. The straight line, circle, parabola, ellipse, hyperbola, general equation of the second degree, higher plane curves, polar co-ordinates, transformation of co-ordinates, the point, plane, and surfaces of revolution.

Required of students majoring in major department 6. Two hours a week for the year. Credit, 6 term-hours.

Prerequisite: Mathematics 4, 5 and 6.

10. DIFFERENTIAL CALCULUS.—Differentiation of algebraic and transcendental functions, successive differentiations, infinitesimals; expansion of functions, maxima and minima of functions, partial differentiations, direction of curves and envelopes.

Elective for College students. Three hours a week during the fall and winter terms. Credit, 6 term-hours.

Prerequisite: Mathematics 9.

11. INTEGRAL CALCULUS.—Integration of standard forms, rational and irrational fractions, application of integration to plane curves and certain volumes; successive integration.

Elective for College students. Three hours a week during the spring term. Credit, 3 term-hours.

Prerequisite: Mathematics 10.

MUSIC

As a small amount of music may be elected in the English Bible Course, the Academy, and the College, the class work offered in this subject is outlined below, showing where credit is allowed and amount of credit:

1. SOLFEGGIO.—Elements, properties and departments of music; terms, notation, intervals and scales; elementary singing in all keys.

Elective in the Academy and the English Bible Course. One hour a week for the year. Credit, 3 term-hours.

2. SOLFEGGIO.—Review of terms and scale study; more advanced sight reading in all keys.

Elective in the Academy and the English Bible Course. One hour a week for the year. Credit permitted by the term. Credit, 3 term-hours.

Prerequisite: Music 1.

3. HISTORY OF MUSIC.—The history of music, from its earliest beginnings to the present time, is studied. Matthew's "History of Music" is the textbook used, but the class is required to do much outside reading. This course is very helpful to those who wish to broaden their knowledge of music and musicians.

Required for graduation from the School of Music. Elective elsewhere. One hour a week throughout the year. Credit, 3 term-hours.

4. **FIRST YEAR HARMONY.**—Musical notation, keys, scales, intervals, chord connection, part writing, chords of the seventh, modulation, original work.

Required for graduation in music. Elective elsewhere. Two recitations a week for the year. Credit, 6 term-hours.

Prerequisite: A thorough understanding of the major and minor scales.

5. **ADVANCED HARMONY AND COUNTERPOINT.**—Ear-training. Transposition Chromatically altered chords, enharmonic changes, suspensions, retardation, anticipation, embellishment, pedal point, original compositions in all musical forms. Counterpoint is taken up during the spring term.

Required for graduation in music. Elective elsewhere. Two recitations a week for the year. Credit, 6 term-hours.

6. **ADVANCED SOLFEGGIO.**—More advanced chorus work, vocal drill, ear training, study of chords, use of baton in chorus work.

Elective in College and Academy. One hour a week for the year. Credit permitted by the term. Credit, 3 term-hours.

Prerequisite: Music 2.

7. **PUBLIC SCHOOL MUSIC.**—For the scope and outline of this work see page 81.

8. **VOCAL APPRECIATION.**—Lectures on tone production, vocal appreciation, interpretation and technique.

About six lectures each term will be given through the year. Those who take the full year and pass satisfactory examinations may receive one term-hour of credit in College. Those who are working on a Voice Major Course in the School of Music will be expected to take the course.

9. CHORUS DIRECTING.—This course is offered especially for students who are taking training as evangelistic singers and for any who wish to train for choir leaders or chorus directors.

One hour a week for the year.

PHILOSOPHY.

1. PSYCHOLOGY.—A course in general Psychology. Text-book and lecture method combined. Frequent comparisons are made of modern terminology, classification and method of treatment with those of the older Psychology. The course requires a working knowledge of Physiology and elementary Physics.

Required for graduation from College and open to other students who are prepared for it. Five hours a week during the fall term. Credit, 5 term-hours.

2. LOGIC.—A study of formal Logic, including terms, propositions, syllogisms with their rules and figures and fallacies. Both inductive and deductive methods are studied. Through the work the student is required to supplement the work of the text by numerous examples drawn from his own experience, observation, and reading.

Required of College students and open to students pursuing the full course in the School of Expression. Two hours a week during the winter and spring terms. Credit, 4 term-hours.

3. ETHICS.—The fundamental ethical principles are correlated with the Christian ideal. This ideal is then analyzed and its realization in human experience discussed. Christian duties are enumerated and their relation to each other investigated.

Elective. Two hours a week for the year. Credit, 6 term-hours.

Prerequisite: Philosophy 1 or 6.

4. HISTORY OF ANCIENT AND MEDIAEVAL PHILOSOPHY.—Beginning with Greek Philosophy, about 600

B. C., the progress of Philosophy is traced. Besides a brief biography of each great philospher, the fundamental principles of his philosophy are studied. The work not only covers the school of Greek thought, but also shows these systems in their relation to Christianity. Scholasticism and philosophy of the church fathers receive some attention. Text, with collateral readings and lectures.

Elective. Those taking this course should plan to take course 5 also. Three hours a week during the winter term. Credit, 3 term-hours

Prerequisite: Philosophy 1

5. HISTORY OF MODERN PHILOSOPHY.—This course covers the period of transition to modern philosophy as well as modern philosophy proper. Brief biographies and fundamental principles of noted philosophers such as Bacon, Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, Kant, Fichte, Schelling, Hegel, Counte and Spencer.

Elective. Three hours a week during the spring term. Credt, 3 term-hours.

Prerequisite: Philosophy 1.

6. ELEMENTARY PSYCHOLOGY.—This is an elementary course dealing with the more common terms and concepts of this science. It is intended to give such a knowledge of the laws of mind as will enable the student to use the information in a practical way. The course will furnish an excellent preparation for course required of college students.

Elective in the third year of English Bible Course, fourth year Academy, first and second year College. Five hours a week for the spring term. Credit, 5 term-hours.

PHYSICAL TRAINING

1. PHYSICAL TRAINING FOR WOMEN.—Throughout the course in gymnastics, progression occurs from

the simple to the complex and from the gentle to the strong in the same degree as muscular power grows.

Each lesson begins with introductory exercises which span the bridge from intellectual to physical activity. Each exercise has its physical physiological and psychological value. One movement prepares the way for the next. Progression is made from lesson to lesson and from week to week.

Our work consists largely of floor work for concentration, self-control, improving of posture, breathing and co-ordination of muscles, also of marching, running and gymnastic games. Drill with dumb bells and wands or with Indian clubs. Women must provide themselves with gymnasium shoes and suits.

Required of all regularly classified students in the first two years of the undergraduate courses and of irregular students for the first two years of attendance. Two hours a week for the year. Credit for College students, 3 term-hours.

2. PHYSICAL TRAINING FOR MEN.—The training is of such a nature that the body is aided in all its functions. It consists of a carefully graded system of exercises, arranged to meet the needs of those taking the work. The work is under the supervision of the physical director for men. Men must provide themselves with gymnasium shoes.

Requirements same as for Physical Training 1. Two hours a week for one year. Credit for College students, 3 term-hours.

PHYSICS

1. PREPARATORY PHYSICS.—The aim of this course is to bring the student into a closer knowledge of the forces of nature by applying the laws and principles of the phenomena of every-day life. The work includes demonstrations, recitations, and laboratory experiments.

Required for graduation from the Academy.

Recitations three hours, and laboratory four hours a week throughout the year. Credit, 1 unit.

Prerequisite: Mathematics 1 and 2 (or Mathematics 2 may be taken at the same time)

2. GENERAL PHYSICS.—This course meets the requirements for those in the general College classes and also in preparation for the more advanced work in the technical courses. The work includes a study of mechanics, sound, heat, magnetism, electricity and light. It may be taken by College students without previous training in Physics.

Required for the premedical course; elective elsewhere. Recitations and demonstrations two hours, laboratory six hours a week throughout the year. Credit, 12 term-hours.

Prerequisite: Mathematics 6 (or may be taken at the same time).

RELIGION

1. MISSIONS.—An outline course on the outstanding periods of Christian Expansion: (1) Early and Mediaeval Missions; a study of the conquest of the Roman Empire, and the winning of Northern Europe to Christianity. The methods of these two periods of Missionary activity are used to throw light on the missionary program of today. (2) Modern Missions; an outline of the introduction and progress of Modern Missions in non-Christian lands with a study of the aims, methods and results of Christian Missions.

Required in the English Bible Course. Elective elsewhere. Three hours a week during the year. Credit, 9 term-hours.

2. CHRISTIAN EVIDENCES.—Arguments from nature, history, and experience are presented in behalf of the validity of the Christian religion.

Required in the College. Two hours a week throughout the year. Credit, 6 term-hours.

3. HISTORY OF RELIGION.—This course traces the development of Religion from the primitive, through the national, to the universal stage. Emphasis is laid on the need of an open-minded attitude in the study and allowing each religion to present its claim in the best light. This is followed by an examination of the Christian religion to determine the validity of its claim upon mankind.

Two hours a week during the year. Credit, 6 term-hours.

4. PSYCHOLOGY OF RELIGION.—The Nature, Origin, and Development of Religious Consciousness. A study is made of various religious phenomena, such as Mysticism, Prayer, Conversion, and Sanctification. Attention is given to the function of the Intellect, Feeling, and Will in their relation to Religion.

Open to all who have had Psychology 6. Two hours a week during the fall term. Credit, 2 term-hours.

5. PHILOSOPHY OF RELIGION.—An introduction to the theory of Religion, presupposing a knowledge of the History of Religion and the Psychology of Religion. Emphasis is laid upon the validity of religious knowledge and on the Theistic argument. God, His Nature and Attributes; the problem of evil; the progress and destiny of Man, are among the subjects studied.

Open to all who have had Psychology 6 and Philosophy 4 and 5. Two hours a week during the winter and spring terms. Credit, 4 term-hours.

6. FUNDAMENTALS OF CHRISTIANITY.—This course aims at the interpretation of the Person of Jesus Christ in Christianity and in Personal Experience. Such doctrines as the Incarnation, Atonement, Resurrection, Personal Christian Faith, Conversion, Sanctification, the Holy Spirit, and Immortality are considered.

Elective. One hour a week throughout the year.
Credit, 3 term-hours.

SOCIAL SCIENCE

1. SOCIOLOGY.—This course is designed to give the student an understanding of society and of the progressive movements for social betterment. Considerable attention is given to the nature of society, the causes which effect the life of society, social evolution and social control, and the relation of Christianity to great social problems.

Elective in the College. Three hours a week for the year. Credit, 9 term-hours.

3. ECONOMICS.—A general introductory study of the field of Economics. The laws of Production, Distribution, Exchange, and Consumption are studied, and some consideration is given to the problems as they appear in modern society.

Required in the College. Two hours a week throughout the year. Credit, 6 term-hours.

4. MONEY AND BANKING.—A brief survey is made of the development of money and credit. Emphasis is then placed upon American monetary and banking problems.

Elective in the College. Two hours a week for the fall term. Credit, 2 term-hours.

5. PUBLIC FINANCE AND TAXATION.—A study of the financial administration of Federal, State and Local Government. Chief attention is given to existing taxing systems, and to proposed tax reforms.

Elective in the College. Two hours a week for the winter term. Credit, 2 term-hours.

6. TRANSPORTATION.—Among the subjects studied are the history of transportation, the nature of transportation Corporations, origin and growth of the American railway system, competition, government regulation and ownership, etc.

Elective in the College. Two hours a week for the spring term. Credit, 2 term-hours.

SPANISH

The teaching of Spanish functions in attaining mental discipline through a study of grammar, idiom and syntax; it functions in developing in the pupil a facility of ear, tongue and eye, which working together will develop in him the ability to read, speak, and write simple Spanish.

1. BEGINNING SPANISH.—Castilan Method. Special drills on pronunciation. Espinosa and Allen's Spanish Grammar. Roessler and Remy's "First Spanish Reader"; Espinosa's "Elementary Spanish Reader"; Walsh's "Primero de Lectura".

2. SECOND YEAR SPANISH.—More advanced work in grammar, composition and conversation. Fontaine's "Flores de Espana"; Giese and Coal's "Spanish Anecdotes"; Downer and Elias' "Lectureas Modernas"; "El Panorama".

THEOLOGY

1. GENERAL THEOLOGY.—This course will consist of a study of the Doctrinal Fundamentals of God's word, the great words of the Bible such as God, Man, Sin, Christ, Salvation, etc., furnishing a basis for the study.

Elective in the College. Two hours a week throughout the year. Credit, 6 term-hours.

2. HISTORY OF PREACHING.—The study of the lives and sermons of the great preachers. A special feature of this course will be a careful reading and analysis of the great sermons of Greek, Latin, French, German, English and American Divines.

Elective in the College. Two hours a week for the year. Credit, 6 term-hours.

3. HOMILETICS.—In the second year the theory

and practice of preaching are treated, with lectures and practical exercises in the selection of texts and subjects; the making of sermon outlines, and instruction in the preparation and delivery of sermons. Lectures are given on preaching and sermons by members of the class are preached before the class, and subjected to criticism.

Required in the English Bible Course. Three hours a week for the year. Credit, 9 term-hours.

THE ALUMNI ASSOCIATION

The Alumni Association met June 17, 1918. The following officers were elected:

President Olive M. Draper
 Vice-President Sadie L. Miller
 Corresponding Secretary Grace McVicker
 Recording Secretary Rev. W. H. Harrison
 Treasurer Leah Miles

DEGREES CONFERRED IN 1917

Causa Honoris

D. D.

Rev. Ernest E. Matthews, A. B.

Rev. Earl Naftzger.

D. Lit.

Rev. Albert Fletcher Bridges, A. M., D. D.

In Cursu.

College

A. M.

Ruth Glazier, A. B.

M. S.

Flora Cobb Smith, A. B., A. M.

A. B.

J. Harvey Brown	Walter Oliver
Joseph P. Blades	Barton Rees Pogue
A. Everett Cortner	Ella Scharaer
D. Marie Gibbs	Henry C. Schlarb
Thurman Mott	Anna C. Show

John B. Vickery

Academy

Edwin B. Bench	Madeline Nostrand
Belen P. Bustamante	Sander G. Rasmusson
Mona T. Chie	George Ridout
Sadie Nossen	Stanley R. Salter
Lyman F. Focht	Mrs. Stanley R. Salter
Mrs. Lyman Focht	J. J. Theobald
Ethel E. Hodson	Edythe L. Waterman
Roy W. Michel	Lester A. White
Edward E. Neitz	Burke White

School of Music

Mus. Bac.

William Young

Certificate in Public School Music

Henrietta Topp

Certificate in Voice

Belen P. Bustamante

School of Expression

Barton Rees Pogue	Alma Gilberta Wray
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Domestic Science Department

Irene J. Carroll	Mrs. Ada N. Theobald
Hattie F. Seaver	Alma Gilberta Wray

Certificate for Food Course

Mildred Atkinson	Alice Eskes
Irene Carroll	Myra Felton
Grace M. Fletcher	Hattie Seaver
Ruth Maston	Mrs. J. J. Theobald
May Rector	Jesse Williamson

Commercial Department

Cleo D. Beekman

Have You Written Your Will?

The day of the Lord cometh like a thief in the night. It is not wise to delay the writing of your will. We are stewards of all we possess, therefore we should set aside a good part of all that the Lord has given us for His cause. Taylor university has been carrying on the work of the Lord for many years, training ministers, sending out missionaries, inspiring evangelists and preparing young people for every walk of life. It stands for the old-time religion, for a whole Bible and a full salvation. Put Taylor University in your will. Use the following form:

"I give and bequeath to Taylor University, Upland, Indiana, incorporated by the State of Indiana, the sum of.....Dollars (\$.....), and the receipt of the treasurer thereof shall be sufficient discharge to my executor for the same."

A life income for dependent relatives can be provided for.

GUARANTEED INCOME.

Life annuity bonds of Taylor University, Upland, Indiana, are an absolutely safe investment. Life annuity bonds will yield more than ordinary investment and there are no taxes, repairs, or insurance to pay. More than this, they perpetuate your good work forever. Taylor University is a great training school for the future leaders for the church and for the world. You will thus help to raise up for this country strong Christian leaders.

For information write,

President M. VAYHINGER,
Upland, Indiana.

ENROLLMENT

NOTE—C. is College; S. T. is Seminary Theology; E. is Expression; E. B. is English Bible; A. is Academic; P. is Pre-Academic; B. is Business; D. S. is Domestic Science; M. is Music; Ir. is Irregular; Sp. is Special. The numbers signify the year of the course.

Abbey, Eloise M. _____	A4 _____	Pennsylvania
Alexander, Gerald W. _____	A3 _____	Indiana
Alexander, Harry M. _____	P _____	Indiana
Albright, Kathreen _____	M _____	California
Alstott, Dessie _____	A1 _____	Indiana
Ayres, Gilbert _____	A2 _____	Indiana
Ayres, Wendell _____	A4 _____	Indiana
Ale, J. Harry _____	C1 _____	Indiana
Aley, Claude _____	C1 _____	Indiana
Alexander, Joseph Ray _____	C1 _____	Indiana
Allford, Robert David _____	C1 _____	Indiana
Allen, Raymond Harley _____	C1 _____	Indiana
Atkinson, Roy Raymond _____	C1 _____	Indiana
Baker, Freda _____	M _____	Indiana
Barrow, Bertha _____	B _____	Indiana
Beedle, Beatrice _____	M _____	Indiana
Beedle, Eva _____	M _____	Indiana
Beekman, Cleo D. _____	M _____	Indiana
Beekman, Cliffie _____	B _____	Indiana
Berrett, Neoma E. _____	M _____	Pennsylvania
Bingham, Elizabeth _____	C3 _____	Ohio
Bradds, Lester _____	A2 _____	Ohio
Brooks, Lucy G. _____	C3 _____	Kentucky
Brown, Francis W. _____	C2 _____	Illinois
Bugher, John _____	C2 _____	Indiana
Burk, Alfred E. _____	A _____	Indiana
Baker, Ray _____	C1 _____	Indiana
Barrett, Morris K. _____	C1 _____	Indiana
Bedwell, Ralph Paul _____	C1 _____	Indiana
Buckmaster, Harold F. _____	C1 _____	Indiana
Burnworth, Oren F. _____	C1 _____	Indiana

Campbell, Jane M.	M	Indiana
Climenhaga, Asa W.	C4	Ont., Canada
Cline, Lula	C3	Indiana
Connelly, Barbara	M	Indiana
Connelly, Marjorie	M	Indiana
Connelly, Philip	M	Indiana
Cortner, Enola	A2	Indiana
Cortner, Ruth E.	A2	Indiana
Curry, Rodney	M	Indiana
Clupper, Merlin Franklin	C1	Indiana
Cook, Russell	C1	Indiana
Coyne, John	C1	Indiana

Dancey, Elizabeth	C4	Michigan
Davis, Roger E.	A1	Indiana
Draper, Ruth	A1	Iowa
Dunlap, Paul R.	C2	Michigan
Davis, Gail	C1	Indiana
Dodson, Samuel E.	C1	Indiana
Drake, Russell	C1	Indiana
Duling, Willis Clinton	C1	Indiana
Duncan, Boyd	C1	Indiana

Ekblad, Axel H.	C4	North Dakota
Ekis, Francis L.	M	Pennsylvania
Elliot, Raymond D.	C1	Indiana
Emerson, Olive	C4	Indiana
Eaves, Isaac N.	C1	Indiana
Elliot, Paul	C1	Indiana
Eviston, Philip L.	C1	Indiana

Faulder, Mrs. Ella	M	Ohio
Faulder, Audrey	B	Ohio
Felton, Myra	C2	Indiana
Fenstermacher, George E.	C1	Ohio
Fenstermacher, Russell A.	C4	Ohio
Fisk, Clarence W.	A1	Indiana
Fisk, Mrs. Clarence W.	M	Indiana
Fletcher, Grace	C2	Pennsylvania
Forehand, Mrs. Priscilla	M	Indiana

French, Orville W.	C1	Indiana
Fritz, Marie Viola	M	Ohio
Fruth, C. C.	C3	Ohio
Fruth, Mrs. C. C.	Sp	Ohio
Futrell, Clarence	A	Indiana
Farrington, Jabez Virgil	C1	Indiana
Gaylor, Charles	A1	Indiana
Gilberstson, E. Nordin	A4	North Dakota
Gilbertson, Mrs. E. Nordin	M	North Dakota
Guiler, Ivel	A4	Indiana
Gorsline, Clifford	C1	Indiana
Goodwin, Carlos Earle	C1	Indiana
Graf, Lawrence	C1	Indiana
Hall, Etta B.	A3	Ohio
Halterman, Eugene	A1	Ohio
Hancock, Ella Mae	A1	Indiana
Hobbs, Malcolm	A3	Indiana
Holloway, Eleanor	A1	Indiana
Holloway, Martha	M	Indiana
Hord, Waive	B	Ohio
Horner, Ruth	M	Indiana
Hamilton, Frank C.	C1	Indiana
Harris, Clyde	C1	Indiana
Harvey, Clarence Leo	C1	Indiana
Hockensmith, Dewey C.	C1	Indiana
Holloway, Harry R.	C1	Indiana
Horner, Farol	M	Indiana
Hughes, Jessie M.	M	Indiana
Hullinger, Velma Francis	EB	Indiana
Hurlbut, Zylpha	M	Nebraska
Hutsinpillar, Ross J.	C3	North Dakota
Hutsinpillar, Mrs. R. J.	C	North Dakota
Tilges, Mrs. Maud	C1	Indiana
Imler, D. Joseph	C4	Indiana
Jeffers, Chauncey	C3	Ohio
Jensen, Jeppe	A3	Indiana

Jones, Margaret Kathryn ----C1-----Indiana
 Jones, L. H. ----Sp-----Indiana
 Jones, Mrs. L. H. ----C4-----Indiana
 Joslyn, D. May ----Sp-----New York
 Johnson, Harry G. ----C1-----Indiana

Keller, Colene ----A1-----Indiana
 Kenrick, Harold ----A4-----Michigan
 Kimmer, Clarence ----A1-----Indiana
 King, Doris I. ----M-----Indiana
 Knaub, Opal ----C1-----Indiana
 Keel, Glen I. ----C1-----Indiana
 Klingstein, Edward P. ----A4-----Indiana
 Koerner, Louis George ----A4-----Indiana

Leer, Hiley Wendell ----C1-----Indiana
 Le Favour, Frank B. ----C1-----Indiana
 Losure, Lawrence Dewey ----C1-----Indiana

McBride, Robert H. ----A4-----Indiana
 McCombs, Wayne ----C3-----Indiana
 McGraw, Kenneth ----C1-----Indiana
 McManaman, Marshall ----C1-----Indiana
 McCutchen, Martha ----C4-----Nebraska
 McCutchen, Robert S. ----C4-----Nebraska
 McIntosh, M. G. ----C2-----Indiana
 McLaughlin, H. Edwin ----C1-----Pennsylvania

Mobley, Virgil Hugh ----C1-----Indiana
 Murphy, Dewey F. ----C1-----Indiana
 Mabuce, John ----A4-----Missouri
 Mann, Alice ----A3-----Ohio
 Marquis, Henry J. ----P-----Indiana
 Maston, Ruth ----C4-----Ohio
 Maynard, Frederick ----M-----Indiana
 Miles, Leah ----M-----Indiana
 Miller, Donald ----A4-----Indiana
 Millspaugh, LeRoy ----M-----Indiana
 Millspaugh, Merritt L. ----C1-----Indiana
 Mingle, Hilda ----M-----Indiana

Mitchell, Nina	M	Indiana
Montgomery, Eleanor	A	Ohio
Moore, Belva	M	Indiana
Morton, Ethel	A3	Indiana
Moulton, William	C2	Michigan
Moulton, Mrs. William	M	Michigan

Nakagawa, T.	P	Japan
Neff, Laura E.	C1	Ohio
Neff, Lenna Mae	C2	Ohio
Nostrand, Madeline	C1	Massachusetts

Oren, Lucille	M	Indiana
Oren, Gerald	M	Indiana
Ogle, Grace	M	Indiana
Olson, Percy W.	A	Indiana
O'Neill, William B.	C3	Porto Rico
Overman, Louie Afton	C2	Indiana
O'Neal, Wendell	C1	Indiana
Owen, Loren	C1	Indiana

Park, Mrs. Lucile	C1	Ohio
Peterson, Anna	Sp	Michigan
Prust, Arthur C.	A2	Wisconsin
Pugh, Ruth	M	Indiana
Pangonis, Walter	A3	Russia
Pickering, Arnold Howard	C1	Indiana
Plummer, Harrie W.	C1	Indiana
Plummer, Herald I.	C1	Indiana

Rahe, Cora L.	C3	Indiana
Reffe, Mazie E.	A1	Indiana
Reed, Mary	M	Indiana
Ritter, Ruby	M	Indiana
Roberts, Ira J.	C4	Indiana
Reith, Lyle	C1	Indiana
Rinearson, Ora C.	C1	Indiana
Rust, Omen	C1	Indiana

Salter, Stanley R.	C1	Ont., Canada
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Salter, Mrs. S. R.	C1	Ont., Canada
Saunders, Gaylord V.	C1	Indiana
Sawyer, C. Leone	C1	Indiana
Scrimisse, Dominico	P	Italy
Schrader, Jacob W.	A4	Pennsylvania
Schwartz, Roy	A4	North Dakota
Seelig, Harold	A1	Indiana
Shaffer, Earl	M	Indiana
Shaw, Grace Louise	M	Indiana
Shaw, Mary	A3	Indiana
Shilling, Charles	A4	Indiana
Shilling, John	M	Indiana
Shively, Mirtha	A4	Ohio
Smallwood, Beulah	EB	Indiana
Smith, Florence	M	New Jersey
Smith, O. P.	C1	Ohio
Spalding, P. Joyce	M	North Dakota
Spathelf, R. Florence	C1	Michigan
Stephens, Corey Agnes	C4	Indiana
Stephens, Irene	C1	North Carolina
Stephenson, Joy	C4	New York
Struble, L. Floy	A3	Michigan
Stuart, Snow	M	Indiana
Seavers, Melvin R.	C1	Indiana
Sewall, William D.	C1	Indiana
Seybold, Chas. L.	C1	Indiana
Sisson, John B.	C1	Indiana
Slagle, Wayne	C1	Indiana
Snyder, Clarence Alva	C1	Indiana
Spayde, Cleve Lloyd	C1	Indiana
Stafford, Virgil C.	C1	Indiana
Streib, Paul E.	C1	Indiana
Stroup, C. Grant	C1	Indiana
Sullivan, Paul	C1	Indiana
Thomas, Fred W.	C2	Ohio
Teed, Pauline	M	Pennsylvania
Theobald, J. J.	C1	Ohio
Thompson, W. A.	EB	Ohio
Thompson, C. S.	A4	Ohio

Treber, Ernest	A4	Indiana
Tresler, Emma J.	C2	North Dakota
Vallejo, Senefelder	A3	Peru
Walker, Geneva	M	Indiana
Walker, Gladys	M	Indiana
Waln, Duane V.	A4	Ohio
Waterman, Edythe L.	C1	Pennsylvania
Waymire, Nellie	A3	Indiana
Webster, Randolph W.	C1	Indiana
Weed, Stanley E.	A2	Ohio
Wertz, Lela	M	Indiana
Westlake, W. Kenneth	C1	Ohio
Whitaker, Lula M.	B	Indiana
White, Burke	C1	Pennsylvania
White, Lester A.	C1	Pennsylvania
White, Lula E.	EB	Pennsylvania
Whitmore, Walter E.	A1	Illinois
Wigg, Alfred	M	Ohio
Wilcox, Malcolm B.	C4	Nebraska
Williams, Emma	C1	Ohio
Wohlschlegal, George D.	C1	New York
Waymire, Ray	C1	Indiana
Weaver, Paul E.	C1	Indiana
*Whitcomb, Willard	C2	Iowa
Wiebke, Elmer C.	C1	Indiana
Woods, Houston	C1	Indiana
Wysong, Ira C.	C1	Indiana
Zange, Eleanor	A4	Illinois
Zellar, Harley A.	A4	North Dakota
Zepp, Arthur	M	Indiana
Zimmer, Edna	M	Indiana

*Deceased.

SUMMARY OF STUDENTS

Academy	53	English Bible	4
College	126	Irregular	4
Business	5	Pre-Academic	4
Music	49	Normal, (College Classification)	21

Total enrollment for the year, 245.

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

California -----	1	Nebraska -----	4
Illinois -----	3	New Jersey -----	1
Indiana -----	160	New York -----	3
Iowa -----	2	North Carolina -----	1
Kentucky -----	1	North Dakota -----	9
Massachusetts -----	1	Ohio -----	39
Michigan -----	8	Pennsylvania -----	11
Missouri -----	1	Wisconsin -----	1

COUNTRIES

Canada -----	3	Peru, S. A. -----	1
Italy -----	1	Porto Rico -----	1
Japan -----	1	Russia -----	1

A NEW SCHOLARSHIP

Rev. R. M. C. Hill, member of the East Oklahoma Conference, M. E. Church, South, at present stationed at Colgate, Oklahoma, has just established a permanent scholarship that will pay \$25.00 a year that is to assist ministerial students. This is certainly a move in the right direction, and it will be greatly appreciated by all the friends of Taylor University. We trust this will be the beginning of a great movement that will establish scholarships to take care of several hundred students.

Mr. Bennett, of Chicago, has agreed to give Taylor University \$250.00 or to pay the interest upon it annually on certain conditions, the plan being to establish a revolving loan endowment fund. It will be the same as any other endowment fund, only that students themselves may borrow from this fund on good security and thus enable them to obtain an education. There should be 1,000 men come forward at once and this would secure an Endowment Fund of \$250,000.00 and make Taylor University a standard college.

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